

The Tech



VOL. LXXVIII NO. 15

CAMBRIDGE, MASSACHUSETTS, FRIDAY, APRIL 11, 1958

5 CENTS

Informal ParStuFac Discussions Will Highlight Parents' Weekend

By stressing informal discussions between the parents and the faculty, the Parents Week-end Committee hopes this year to give the parents a greater insight into the life of the MIT student. The affair, which is held once every two years, will be May 10-11.

"In order to give the parents a feeling for the various aspects of their son's or daughter's life at the Institute," said Charles W. Holabird '59, General Chairman, "we are putting the affair on a much more individual basis than before." Instead

of using the somewhat-cold exhibit system alone, as in previous years, the group is supplementing the exhibits with informal discussions and speeches by leading members of the faculty of each course. Parents will have the opportunity to talk individually with the instructors at the open houses and at the course luncheons on Saturday.

A dinner for the students and their parents will be held Saturday night, and a special program in Kresge will follow, featuring a speech by acting President Stratton serenading by the Logarithms; a film, "This Is MIT"; and an international program. Gerry Stephenson '59, Undergraduate President, will speak at the dinner.

A full schedule is planned for Sunday with services in the chapel and open house in each of the individual living groups.

The committee has corresponded with the students and their parents, and a large attendance is expected.

New Machine Makes Diffraction Gratings Finer than Previously

The world's most precise engraving machine, a new type of electronically-controlled ruling engine developed at the Institute, has recently produced the largest and most perfectly diffraction gratings ever made, Dean Harrison told the Optical Society of America on March 28. This accomplishment is the result of ten years of work in the Spectroscopy Laboratory under the direction of Harrison.

The ruling of improved diffraction gratings is important because these instruments are used for many scientific purposes, ranging from the analysis of the light from stars to the study of the structures of atoms and atomic nuclei. The more precisely engraved and the larger a diffraction grating is, the more detail it will reveal about the infinitesimal structures of atoms and nuclei.

(Continued on page 5)

'All-Tech Basketbrawl Game' Stars Vannevar Bush Tomorrow Evening

Vannevar Bush '16 will lead an all-star contingent into the Armory tomorrow night for the "Second Annual All-Tech Basketbrawl Game." Bush, who doubles, in the off-season, as Chairman of the Corporation and elder statesman of the scientific and engineering worlds, will act as head referee.

Thirty-odd faculty and staff members will lend their talents to the festivities, breaking ranks to form two teams: Science & Humanities vs. Engineering & Administration. Last year, the S&H team took the initial encounter 39-5 and the E&Aers have reportedly sworn a terrible oath to recoup.

Patrick J. McGovern '59, outgoing chairman of the public relations committee, announced the rosters yesterday. The rosters, he said, were based on student preferences as evidenced in a recent poll.

Referee Bush will toss the first ball at about 7:30 p.m., McGovern predicted. A second contest, pitting the MIT Intramural All-Stars against their Harvard counterparts, will get underway later. Tickets will be forty cents (two for seventy-five). In addition, tickets to the Vassar-MIT Glee Club performance, later in the evening, will be honored.

Last year's game drew a capacity house. The bright costumes of the participants, including full Indian headdress worn by President Killian, last year's referee, as well as the wide open style of play, drew rafter-rocking plaudits from the crowd. The final score of 39-5 does not give a true picture of the game, particularly since field goals counted for five points and foul shots for two.

McGovern announced that the same scoring rules would apply this year. The game will be divided into eight two-minute periods, he said.

(Continued on page 7)



Some of the dazzling play to be seen Saturday at the All-Tech BasketBrawl game is previewed at a practice session.

Burton Housemaster

The Burton House Committee has been told by the administration that a system of housemasters will be started in Burton House in September, 1958. According to one Housecomm member, official announcement of the housemaster plan awaits only the selection of the master.

The latest plan calls for eight faculty and graduate residents. There will be one full-time resident professor in the faculty resident's apartment plus two associate professors in the house. There will also be one graduate student resident on each of the five floors.

Eggs to Roll Saturday

Wanted—People to Dye for TCA

The Technology Community Association will stage a huge egg-coloring party tonight, to which the public is invited. This will be in preparation for the Post-Easter Egg Roll on the Great Court at noon tomorrow.

Those interested in coloring the eggs may do so at the TCA Office in Walker at eight p.m. tonight. Dye and eggs will be provided, but dates will have to be supplied by the participants.

Monster Egg Rally

The eggs will be deposited in the Great Court tomorrow morning; the Department of Physical Plant has been instructed by TCA not to cut the grass. At eleven a.m., sixty Cambridge youngsters from local settlement houses will be turned loose to find the eggs. Five hundred of them, all hard-boiled, will have been hidden in the grass.

After the eggs have been found, the urchins will line up on the Great Court for the egg-rolling contest. Each will push an egg with his nose over a thirty-foot course.

April 19 Is Date Set For All Tech Sing

With ten entries, including the dorms, fraternities, coeds and grad students, this year's All-Tech Sing promises to be the best in years. Saturday, April 19, is the date when "Egbert" will make his long awaited debut, being presented for the most original skit.

The evening will also feature Professor Ted Wood as emcee with his usual spicy humor; Betty Lou Marple, Music Department secretary and Dr. Stockmayer of the Chemistry department as two of the three judges selected to date; and some outstanding scenes from this year's Tech Show, "Out on a Limbo".

The festivities should be over at about one .m.: at that time, students and faculty will be allowed to go over the Great Court and hunt for left-over eggs.

MIT Reactor to Aid In Medical Research; Has Operating Room

The Institute reactor, which will be completed this spring, will be unique in its medical facilities which will be available for use by doctors from various hospitals and medical schools. It will be very versatile, however, and will be used by virtually every department at MIT, in scientific and industrial research as well as in educating students in nuclear engineering.

The reactor will be the only such facility with a medical room located beneath the source of radiation. This will make it possible to position a patient on a hydraulic operating table, in a way that will provide a maximum of comfort and effectiveness in using the beam of radiation from overhead.

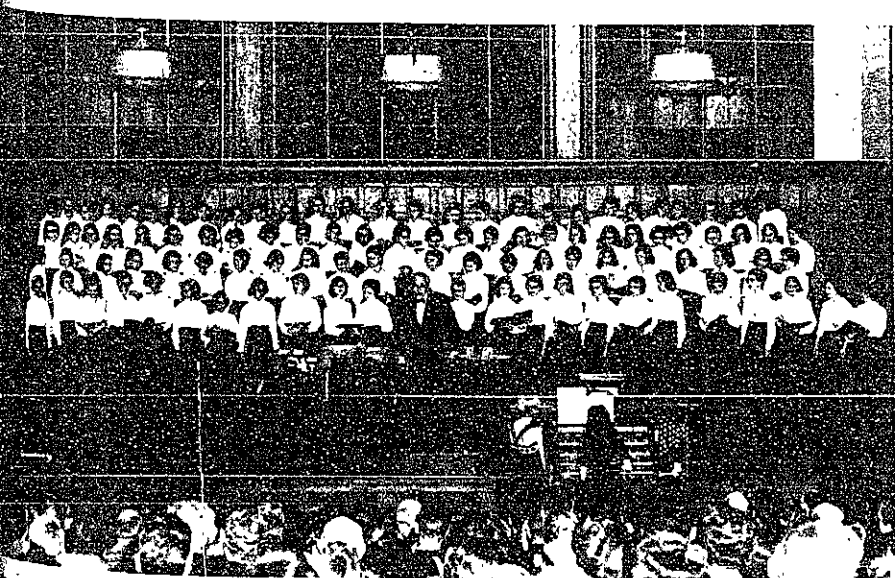
The medical chamber is a conventional tile-walled operating room and will be equipped so that surgery can be performed when required by the irradiation technique. Patients will be kept under observation during treatment by doctors who can watch

(Continued on page 5)

The Vassar Glee Club Joins MIT Group For Anniversary Concert

In their initial visit here, the Vassar Glee Club will join the MIT Glee Club in a concert celebrating the 75th anniversary for both groups. They will sing in Kresge Auditorium on Saturday, April 12 at 8:30 p.m.

The MIT Glee Club, directed by Klaus Liepmann, will open the concert with a group of choral works taken by Randall Thompson from the writings of Thomas Jefferson. This will be followed by works by Brahms, Palestrina, Bach, Sibelius, and Hindemith. Professor John Peirce will then direct the Vassar Club's performance of works by Henry Purcell, J. S. Bach, and an intriguing number by Handel entitled "Haste Thee Nymph".



Professor John Peirce with the hundred members of the Vassar College Glee Club at a recent concert. The Glee Club will sing here with the MIT Glee Club tomorrow night.

The two groups will then join forces to sing excerpts from "The Peaceable Kingdom" by Randall Thompson.

The Vassar Glee Club has previously given concerts with such groups as the Amherst, Bard and Bennett Junior College Glee Clubs, and the Bowdoin, Colgate, Columbia, Hamilton, Harvard clubs, as well as the Vassar Mandolin Club.

Tickets for the performance, which is sponsored by the Vassar Club of Boston, are now available at the MIT music office, Room 14-N236. Tickets are \$2.00 reserved, \$1.00 unreserved. Tickets procured for the concert will also be honored at the nearby All-Tech basketball game.

On page three of this issue are listed the numbers of the freshly installed fraternity telephone extensions. These numbers may be reached by dialing the proper Institute extension.

reviews

American In Paris

Spring, which arrives officially each year around March 21, makes its appearance in Cambridge somewhat later. Fortunately, for those feeling the effects of this cruel and eager month, the Brattle is offering a preview in its current film. *American in Paris* is a triumph and wonderfully enjoyable cinema.

Gene Kelly is bright and happy as the GI who stayed in Paris to paint and carries on romantic, albeit impoverished, adventures in the vernal city. Kelly is a dancer of stature and *American* uses his talents to the fullest. Leslie Caron his charming French love; and Nina Foch is excellent as his wealthy although no less affectionate patronne. Oscar Levant is Kelly's dour but witty sidekick, a musical prodigy who is fast aging and still yet to have his first recital.

The bridges and the Left Bank and cafes of Montmartre made a beautiful and charming background for the adventures of the American. Gaiety and love are the keynotes and they are in place and in season. The music of Gershwin is captivating and the dance sequences of Miss Caron and Kelly splendid. Far more than usual they are blended into the film with the spontaneity and naturalness which is so often lacking. *American in Paris* is some of Gershwin's most appealing and the film makes excellent use of all.

American in Paris is a dream and for its two hours, a very true and wonderful one. Alas, this showing is announced as the last before the film is retired. Nothing made since (*American* in late 1940's) is comparable.

It was a balmy Paris evening when we left the Brattle, and somehow we didn't notice the cold rain as we drove down the Left Bank (of the Charles).

college world

An editorial in the *Duke Chronicle* has caught my attention. It consists of a very critical, and probably correct, viewpoint as to what makes up the American College Animal, *collegiatus cynicus*. "Be casual. That sentence could well be the by-word of the American college student . . . He commits himself to neither principles or people. He believes in nothing but getting himself through a decently comfortable life; for everything else he has only a shrug of the shoulders . . . A helpless uncertainty toward important things leads American students to turn to their immediate situation, accepting the status quo with apparent unconcern . . . In keeping with college tradition, we must avoid committing ourselves. Let's just live along in our own little ways. We must be collegiate, be cynical, and above all—be casual."

The job situation for seniors must be getting pretty bad. There was an article in *The State* at Stevens Tech on the subject that might bear a little stealing: "Now after four fun filled years of frustration, the seniors in this glorious institute of education are finding out that modern industry is perfectly willing and able to surge forth without them." They go on to list a number of available job opportunities: "Sneaker Salesman—Chamber of Commerce, Tel Aviv, Israel. Note: Short hours—should last about two days. Life Guard—Stevens Towing Tank. Professional Goldbrick—B&G." Guess what B&G stands for.

You would never guess what manner of things appear in that great maw of a mailbox down at the office for me to read. In addition to the many college newspapers (which, incidentally, come in several ways, such as tightly rolled, so as to make reading nigh onto impossible, or folded and stapled at least four times), I receive at least a dozen *Tech Talk's*, ten copies of the *Calendar of Events*, a number of *MIT Observers*, and assorted odd-ball publications. The winner this week is one called *Parachutist*, which sells for 25c, and which contains the latest dope on parachuting and related activities. If anyone is interested, my copy is for sale at 3c. This week only!!!

From the Utica College Tangerine: "Soon daylight saving time and the park roads open again. No more sitting in stuffy movies, parlors, and bars. Now we can enjoy the great scenic outdoors—from the back seat of a car."

Don't forget the All-Tech Baskethrawl this Saturday night. Bring your date!

Dix Browder '59

End of Recession Expected Soon

Whether one glances at today's daily newspapers or takes the time to compare national income statistics, there can be little doubt that the United States is presently in a recession. Even the MIT "community" in its scholarly isolation can poignantly feel the effects of rising unemployment and the curtailment of investment spending. For example, summer job offers and permanent employment opportunities are more difficult to acquire this year than last.

National income is down twenty billion dollars from last year's level of 430 billion. Percentage wise this does not seem like a great deal. But when one considers that this drop is approximately one-half of the present defense budget the figures tell a more devastating story. In fact, according to Paul A. Samuelson, Professor of Economics, this recession is the worst economic setback which the United States has suffered since the war.

The story can be told in human terms, also. Unemployment is widespread although unevenly distributed among American industries. Durable goods industries, such as automobiles, aircrafts, and steel, have been hardest hit while agriculture and non-durable goods industries have only felt the recession indirectly. The average rate of unemployment since this time last year has been approximately five thousand lay-offs per day. In Massachusetts which has been especially hard hit, seven out of every hundred workers are drawing unemployment insurance.

President Eisenhower stated in last Wednesday's press conference that the economy seems to be on an upswing. He stated that this upswing could be observed in the recent slow down of increasing unemployment. However, Professor Samuelson tends to disagree with the President. Although observation shows that normally employment will rise in March because of increased outdoor work, Samuelson points out that this year's seasonal increase is not as great as is usually realized in March. This would indicate that the recession shows little sign of letting up.

This year's recession has a unique feature which did not appear in the other two post war recessions. While national income is falling, the cost of living continues to rise. Samuelson believes that this phenomena can be attributed to the staying in the increase of costs faced by those who administer prices. He foresees no immediate conditions to reverse this trend.

What can be done to alleviate the recession? Most economists agree that there are two measures which can be taken to remedy a drop in national income; namely, monetary and fiscal policy. The Federal Reserve Board using its monetary powers can ease credit. Today, such an action would probably increase the desirability of mortgages which in turn would stimulate construction that is presently lagging behind capacity level. In fact, the Board has recently followed this policy and has eased credit. It is hoped that construction will, in turn, expand. However, as has been shown, the easing of credit does not necessarily imply that people will gain the business confidence required to assume mortgage responsibilities. Samuelson, also, points out that the Federal Reserve has been slow to act in this case where action should have been more immediate.

A recession can also be remedied by means of an increase in government spending which could be accompanied by tax cuts. As is the case in most economic decisions, the method of handling economic crises is fairly clear; the major question, instead, concerns to what extent and at what time these methods should be applied. Accuracy in the application of economic policies requires unusual perception and timing.

It is in this field of application that the present debate concerning the desirability of tax cuts lies. The President's recent opposition to the reduction of taxes is based on his fear that tax cuts could produce a future period of inflation. He claims that tax cuts are not needed since the economy is already on an upswing.

On the other hand, Professor Samuelson, who does not believe that an upswing is present, would favor immediate tax reductions. He feels that the fear of inflation resulting from tax cuts "should not unduly worry us" at the present time. The immediate problem confronting the economy is recession and after taking care of that economists can turn their attention to the inflation problem.

Included along with tax reductions, Samuelson urges the Administration to increase in governmental expenditure. He proposes that Congress should go ahead with its proposed spending allotments especially in the field of defense.

With appropriate government action being taken, Samuelson is inclined to believe that the recession will show a mild upswing by Labor Day. He considers it "rash" to look for an earlier rise in national income. In the long run he feels that the economy will again start rising and that there will be "no large period of stagnation."

With a deeper recession threatening, Professor Samuelson places particular emphasis on the action of the Administration and Congress. The President, convinced that there are signs of an economic upswing, is less inclined to pursue immediate tax cuts and large deficit financing. The MIT student probably prefers to hope that regardless of who is correct he will not be forced to join the expanding ranks of the unemployed.

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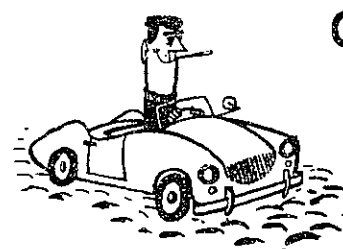
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The Tech



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Free Concert Given Here by Orchestra And Gehrig at Organ

There will be two free concerts here Sunday afternoon. At 3 p.m., the MIT Symphony Orchestra will play in Kresge Auditorium. The program, to be led by John Corley, will include works by Boyce, Boccherini, Miller and Arnold.

At 4 p.m. in the chapel, Professor Philip Gehring of Davidson College, North Carolina, will give a free organ recital. He will play selections by Johann Sebastian Bach, Karl Philipp Emmanuel Bach, de Grigny, Lubeck, Milhaud, Williams and Schroeder.

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Ultrasound, New Peptides Revealed at Meeting

Five New Peptides Found With Squids

Ultrasound Opens New Fields for Med. Research, Surgical Methods

The discover of five new peptides which may prove to be of medical value has been announced by Francis O. Schmitt, Institute Professor. At a press conference sponsored by the American Cancer Society, he gave this as an example of important research being conducted today in molecular biology.

Peptides are chains or rings of amino acids which may play key roles in body functions. Some, which have been found in the past proved successful in medicine, Schmitt explained. The new ones were obtained from the nerve fiber of the octopus-like squid.

Finding of the peptides has been made possible only by the arrival in recent weeks of large quantities of axoplasm taken from giant squid caught off the coast of Chile.

Squid have nerve fibers which are enormous compared to those of most animals, Dr. Schmitt said. During several summers squid about one foot long, found in the Atlantic Ocean, have been shipped in tanks of circulating sea water to the Institute for dissection.

Under a new program, however, six- to eight-foot squid are being caught in the Pacific Ocean and they are yielding a much larger amount of axoplasm than was available before. During one week, 284 of these squid were caught. From their central nerves, as thick as a pencil, as much axoplasm was obtained as might have been extracted from 7,100 Atlantic squid during an entire summer's work. The axoplasm is extracted at the Marine Station near Valparaiso and is shipped here by air.

Sharply focused beams of ultrasound—sound fifty times as high as the human ear can hear—are now serving as important and unique tools for biological and medical research. Eugene Bell, assistant professor of biology here and associate biologist in neurosurgery at the Massachusetts General Hospital, described recent developments in this new field to a group of science writers visiting the Institute under the auspices of the American Cancer Society.

"The results achieved with focused ultrasound are unique," Bell said. "They open new avenues of approach to problems in cytology, embryology, and neurology." He described the use of ultrasound in studies on skin, liver, and embryonic and brain tissues.

Bell has shown that ultrasound at certain dosage levels can cause serious damage to skin when it is in the growth phase of the hair-growth-cycle—but essentially no damage to skin in the "resting" stage.

In this case, the effect of ultrasound appears to be that of intense local heating; similar results can be demonstrated with focused radiant energy, Bell said. But the effect is quite different from damage due to X-rays.

"The most interesting possibility about this differential response of skin to ultrasound," Dr. Bell said, "is this: it may point to some of the links in the complex response of the skin to a stimulus which initiates hair growth."

In other work, Bell has investigated the effects of focused ultrasound on mouse livers. He finds that liver damaged by ultrasound does not "see" this damage as quickly as it would surgical or chemical damage; liver waits almost twice as long after ultrasonic damage before beginning to restore itself.

At present Bell is using ultrasound to separate cells and tissues from embryos; he is concerned with problems of cell differentiation in amphibians and limb development in chicks. His technique for exposing embryonic material to high-frequency ultrasound separates tissues and cells from the embryo without harm to the embryo or to the removed material.

Using this method, he has shown that when the two principal tissues which make up the primordium are separated microsurgically—that is, by a focused beam of ultrasound—the inner layer alone can give rise to a limb when it is planted in a host in the embryonic stage.

This is an example, Bell said, of how this new tool will be a valuable aid in studies of the way embryonic tissue layers collaborate to form new structures.

In association with H. Thomas Balantine, Jr., associate visiting neurosurgeon at the Massachusetts General Hospital, Bell has been studying the effects of focused ultrasound on the brain and central nervous system.



A FRAT TO REMEMBER

Every year, as we all know, the Benevolent and Protective Order of Collegiate Fraternities awards a highly coveted prize to the fraternity house which, in its judgment, has done the most to promote and enhance the fraternity way of life. The prize this year—eight hundred pounds of putty—goes to the Alpha Hernia chapter of the South Dakota College of Dentistry and Renaissance Art.

The award this year is exceptionally richly deserved, for the Alpha Hernia house is the very model of all a fraternity should be. It is, first of all, a most attractive house physically. The outside walls are tastefully covered with sequins. Running along the upper story is a widow's walk, with a widow stationed every three feet. Moored to the chimneytop is the Graf Zeppelin.



a widow's walk, with a widow stationed every three feet...

Indoors the house gives an impression of simple, casual charm. The chapter room is furnished in homey maple and chintz, with a dash of verve provided by a carp pool three hundred feet in diameter. A waterspout rises from the center of the pool with the housemother bouncing on the top.

Members' rooms are gracious and airy and are provided with beds which fold into the wall and are never seen again. Each room also has a desk, a comfortable chair, a good reading lamp, and a catapult for skeet-shooting. Kidney-shaped desks are available for kidney-shaped members.

Perhaps the most fetching feature of the house are the packs of Marlboros stacked in heaps wherever one goes. If one wishes to enjoy a fine filtered cigarette in any room of the house, all one need do is reach out one's hand in any direction and pick up a Marlboro. Then one rubs two pledges together, lights one's Marlboro, and puffs with sweet content the tastiest smoke the mind of man has yet devised.

The decor, the grace, the Marlboros, all combine to make Alpha Hernia a real gasser of a fraternity. But a fraternity is more than things; it is also people. And it is in the people department that Alpha Hernia really shines.

Alpha Hernia has among its members the biggest BMOC's on the entire campus of the South Dakota College of Dentistry and Renaissance Art. There is, for instance, William Makepeace Sigafos, charcoal and bun chairman of the annual Stamp Club outing. Then there is Dun Rovin, winner of last year's All-South Dakota State Monopoly Championship, 135 Pound Class. Then there is Rock Schwartz, who can sleep standing up. Then there is Tremblant Placebo, who can crack pecans in his armpits. Then there is Ralph Tungsten, who went bald at eight.

But why go on? One can see what a splendid bunch of chaps there is in Alpha Hernia, and when one sees them at the house in the cool of the evening, all busy with their tasks—some picking locks, some playing Jacks-or-Better, some clipping Playboy—one's heart fills up and one's eyes grow misty, and one cannot but give three cheers and a tiger for Alpha Hernia, fraternity of the year!

And, if you don't mind, a rousing huzzah for Marlboro, cigarette of the year, whose makers take pleasure in picking up the tab for this column.

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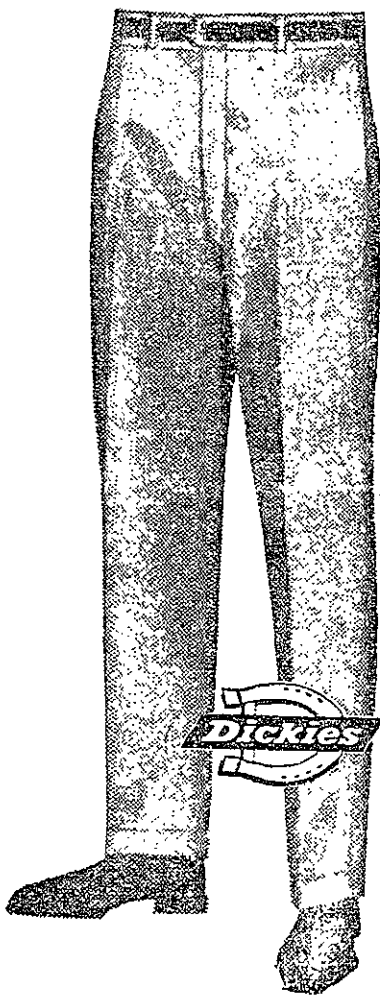
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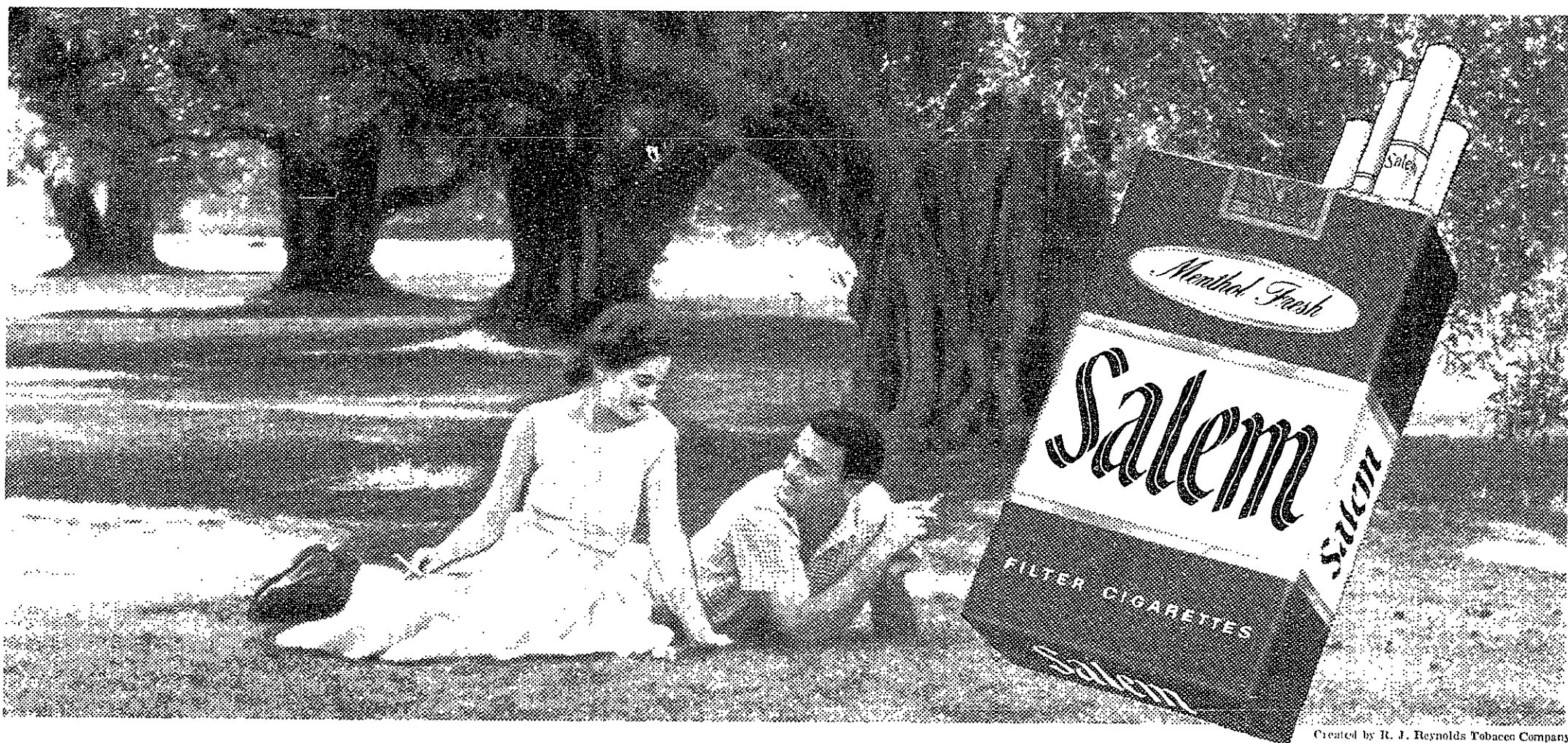
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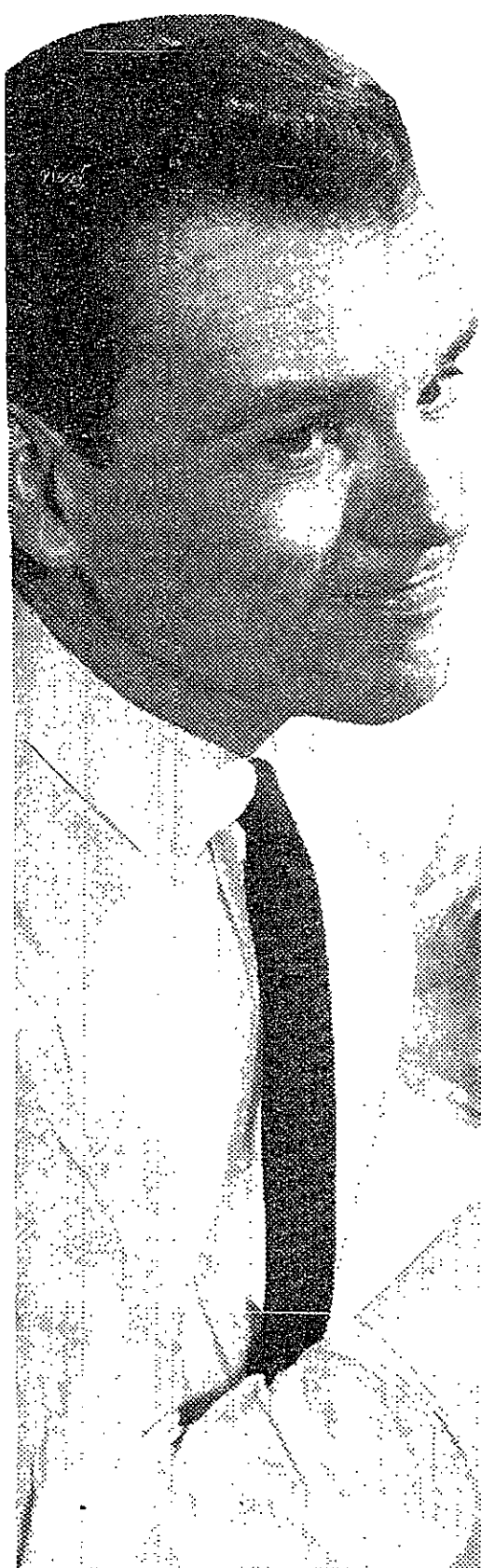
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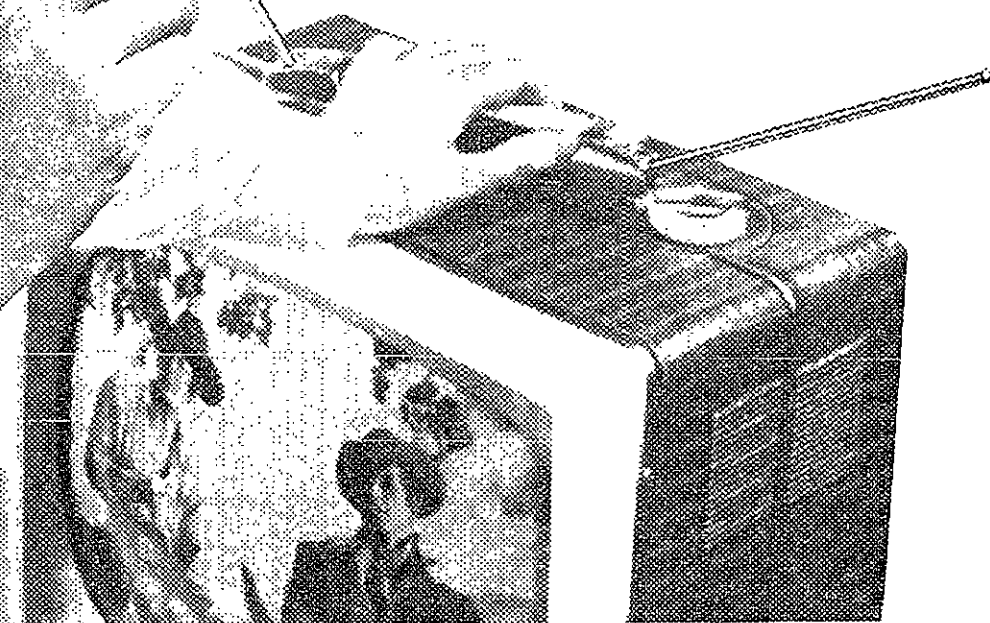
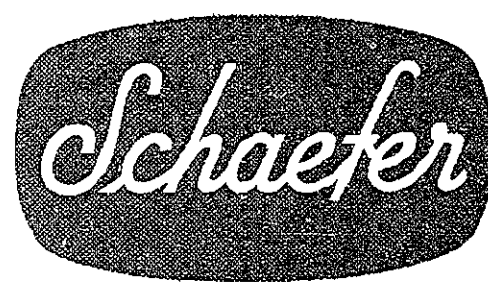
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SEX

In order to better promote the three great bid parties on April 19, and to better promote the well-being of the Junior Class in general, Sigma Epsilon Chi, the renowned Junior drinking honorary, is pleased to announce another great cocktail party to be held at the Theta Chi house on the above date at 4 p.m. Continue to follow these notices for the announcement of the fabulous end-of-term party will be made soon.

NURSERY SCHOOL MOVIE

The Westgate Nursery School will present a film in Kresge Auditorium on Thursday, April 17, at 5:30, 7:30 and 9:45 p.m. The film, "Strangers on a Train," is an Alfred Hitchcock thriller.

COURSE VI OPEN HOUSE

The Electrical Engineering Department will hold an open house in the High Voltage Laboratory today at 4:30 p.m. The three-mev particle accelerator will be demonstrated, and refreshments will be served.

PAINTING EXHIBITION

Professor Robert O. Presser (Architecture) will display his paintings in the Faculty Club Lounge beginning today through May 23rd.

FORTRAN

A discussion of Fortran as a tool in the analysis of cosmic ray shower data will be discussed by Dan Scott of the Laboratory for Nuclear Science in Room 26-168 on Tuesday, April 15, at 3 p.m.

Vitamin C Plays Important Role in Healing of Wounds Says B.S. Gould

Vitamin C, the citrus fruit vitamin, holds a mysterious key to the rapid healing of wounds, according to Dr. Bernard S. Gould, associate professor of biochemistry.

Earlier studies by Gould and others have proved that animals deprived of Vitamin C cannot heal wounds and that there is a direct relationship between the amount of Vitamin C in the tissues and the ability to heal wounds.

But until now no one knew whether

er Vitamin C acted directly in the healing process or whether it mediated hormonal or other mechanisms that controlled the healing process.

Now, says Professor Gould, it is clear that Vitamin C is specific and that it acts directly at the site of healing. "It is the necessary agent," he says, "that makes possible the very rapid production of the fibrous network (collagen) which is the basis of the healing process."

According to him, the production of collagen in wound healing and in early growth proceeds at a rate enormously accelerated compared to the extremely slow rate encountered once the individual reaches maturity.

Indeed, he believes, there appears to be more than one mechanism involved—one, dependent upon Vitamin C, during the early rapid growth and in wound healing and the other, perhaps relatively independent of Vitamin C, for the maintenance of body collagen.

It has also been shown that Vitamin C is required for the maintenance of newly healed tissue and appears to be essential for a considerable time after apparent healing, he says.

Having found that Vitamin C itself is specific for the healing process and acts chiefly at the site of healing, Gould points out, the problem is to discover the mechanism by which it works.

He spoke at a session especially arranged for newspapermen by the American Cancer Society at MIT in Cambridge. His work is supported by a grant from the National Institutes of Health, U. S. Public Health Service.

PAUL TILICH

Dr. Paul Tillich, noted theologian, will speak in Kresge Auditorium on Tuesday, April 15, at 7:30 p.m. The L.S.C.-sponsored lecture is entitled, "The Absurdity of the Question: Does God Exist?"

KNOTTY LECTURE

Professor George W. Whitehead (Mathematics) will lecture on knots at the MIT Mathematics Society meeting on Monday, April 14, at 5 p.m. in Room 3-270.

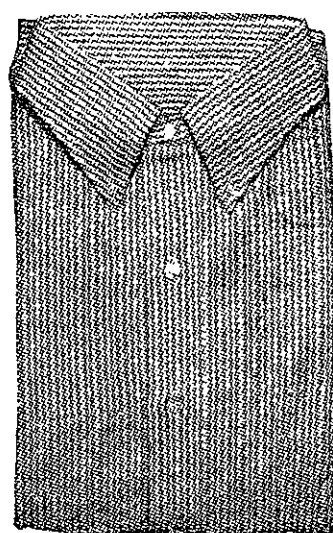
HILLEL LECTURE

Dr. Cecil Roth, Oxford Professor of History, will speak in Kresge Auditorium this Sunday at 8 p.m. His lecture on "The Influence of Judaism on Jewish History" is the fourth in the MIT Hillel Morris Burg Memorial Lecture series.

Purchase Your JOCKEY SHORTS at

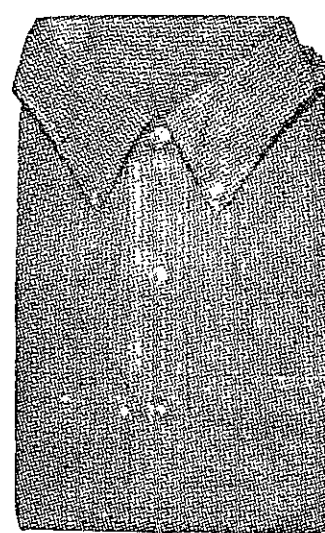
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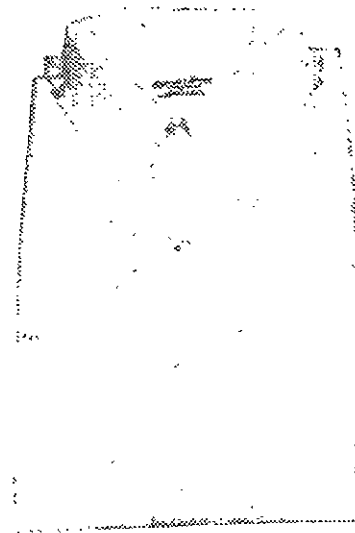
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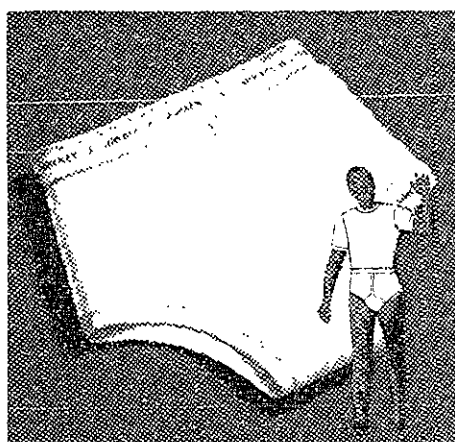
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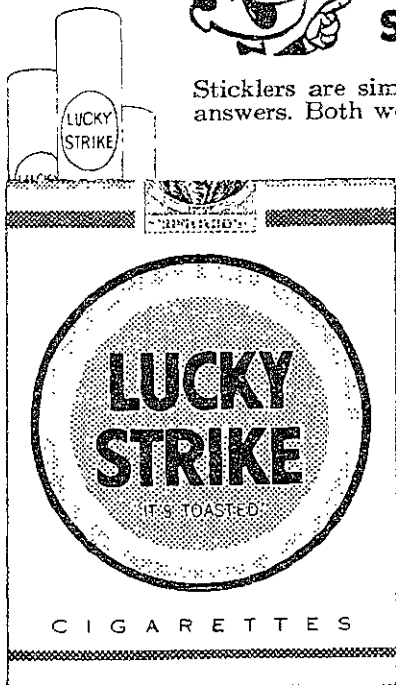
WHAT IS A MAN WHO BLOWS SMOKE RINGS?
(SEE PARAGRAPH BELOW)

SMOKE RINGS come in all shapes and sizes. Like 4-sided smoke rings for squares. Sturdy smoke rings for windy days. Even invisible smoke rings for people who aren't ostentatious. As any competent smoke ringer (*Vapor Shaper* in Sticklese!) will tell you, the best way to start one is to light up a Lucky. It's best mostly because a Lucky tastes best. A Lucky gives you naturally light, wonderfully good-tasting tobacco, toasted to taste even better. Why settle for less? You'll say a light smoke's the right smoke for you!



DON'T JUST STAND THERE...
STICKLE! MAKE \$25

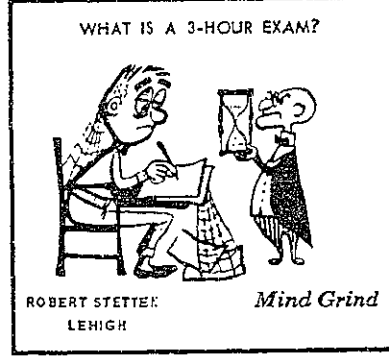
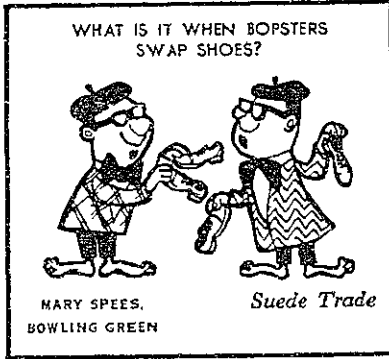
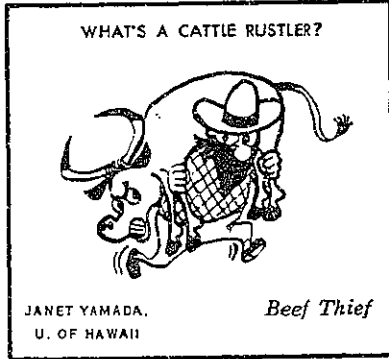
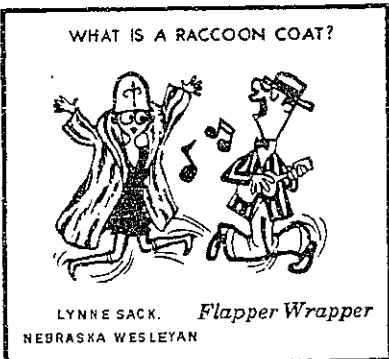
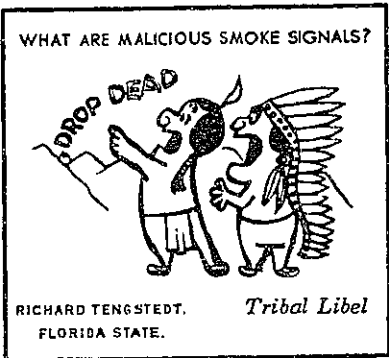
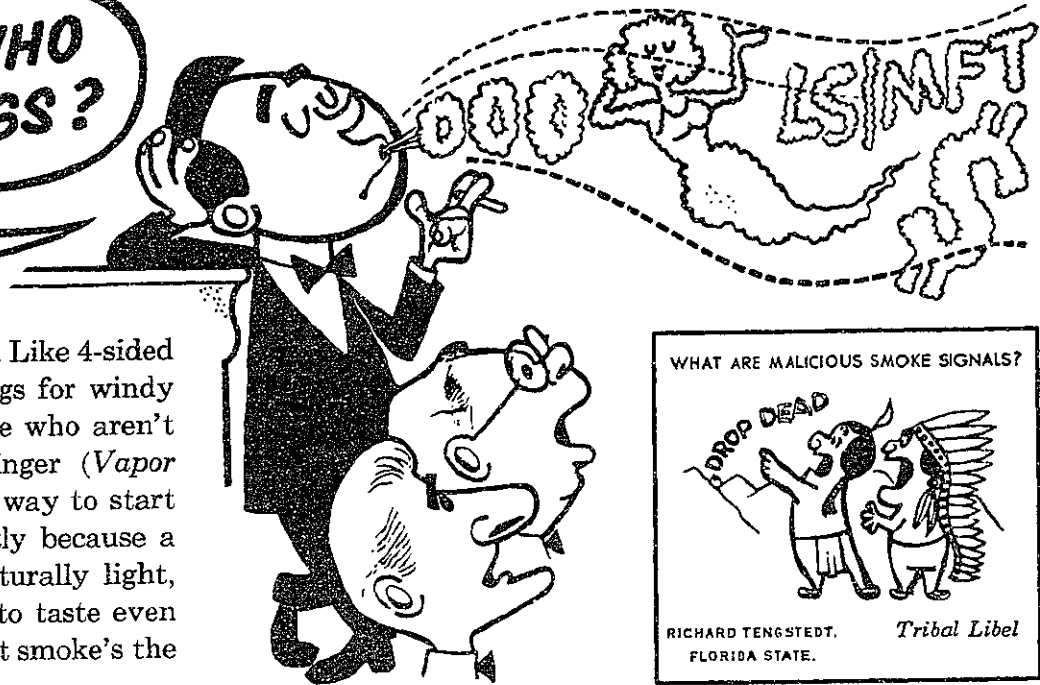
Sticklers are simple riddles with two-word rhyming answers. Both words must have the same number of syllables. (No drawings, please!) We'll shell out \$25 for all we use—and for hundreds that never see print. So send stacks of 'em with your name, address, college and class to Happy-Joe-Lucky, Box 67A, Mount Vernon, New York.



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Weightlifting Facility No Longer Limited To The Barbell Club

In a meeting between Mr. Balch and Mr. Harvey, coach of the weightlifting team, George K. Balch, president of the Barbell Club, James Middlecoff, captain of the weightlifting team, on Wednesday afternoon, Balch announced the elimination of the rule requiring all persons using the weightlifting facilities to be members of the Barbell Club, a rule which has been in existence since 1952. This announcement came as a surprise to members of the team and club. In making this statement, he stated that the removal of this rule is part of a long range program to eliminate all fees for use of facilities such as the sailing dinghies, lockers, and towels. It is his feeling that the payment of tuition entitles a student to full use of all athletic and recreational facilities on campus without incurring any additional expenses.

Club To Continue Operations
The Barbell Club will continue operations as in the past with the exception that membership in the Club is entirely optional to those individuals using the weight training facilities.

Due to the large number of people using the weightlifting facilities and limited space, use of these facilities is restricted to members of the Club, the weightlifting team, and members of other intercollegiate teams who have the express permission of their coaches between the hours of four to seven p.m. on Monday through Friday.

Frosh Heavy Shell Sinks in Wavy Water All Men Are Rescued

On Tuesday a freshman heavy crew boat, returning to the MIT house finishing its practice, sank about a quarter of a mile from destination. The choppy water of Charles gradually filled the shell until the wood of the boat was no longer visible to the amused onlookers on the shore. The heavymen were quickly fished out of the chilly waters of Charles by the occupants of a nearby launch. Quick action by another near-by launch helped recover \$2000 shell.



THE POWER OF POSITIVE WRINKLING

While everybody knows that the soft collar on Van Heusen Century Shirts won't wrinkle, ever, a Van Heusen survey among college students has revealed that precious few know *why*. Here are some of the responses:

J. L.—sophomore at the Psychodynamic Institute for Arts, Crafts, and Number Painting—"Obviously, the collar won't wrinkle, because it's afraid to wrinkle. It may have been threatened by some surly Van Heusen vice-president. Ergo, it exhibits the Cavendish anti-wrinkle syndrome."

G. F.—junior at Usury School of Advertising—"Collar-wise, there's no demand for wrinkles. No customer benefit. Now, this is strictly off the top of my cranium, but the statement, 'the soft collar that won't wrinkle, ever,' is too negative. Substitute 'never' for 'ever' and you not only have

a positive statement—but—as demonstrated by that famous cigarette, this ungrammatical concept will be attention-getting."

L. V.—senior quarterback at Miltown College—"I wouldn't be without a Van Heusen. Look here... under my pleat-less shoulder pads. See? Out of simple decency, the collar refrains from wrinkling. It's this kind of restraint that recently led to our glorious victory over Birdbrain U. Not a man was scathed. Huzzah for the collar—and fight furiously, fellows."

Yes, this is the kind of ignorance we run across. Actually, while other collars are made of 3 pieces of material, the secret of this soft collar with its wrinkle-shunning qualities is one-piece construction. Van Heusen Century shirts come in 5 collar styles. \$4 and \$5.

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by SHULTON

Season Opens With Beaver Nine to Meet BU Here Tomorrow

Tomorrow, MIT's varsity baseball team opens up the season as hosts to Boston University. Coach Scotty Whitelaw is optimistic over this season's chances and is sure that there will be a vast improvement over last year's record of one win and nine losses.

Heading the pitching staff are left-hander Al Beard '59 and Jerry Welsh '59. Beard's record last year was 0-6, with 14 strike-outs. Welsh had an 11-1 record, while striking out 19 men. Supporting the two moundsmen will be Eric Hasseltine '59, Karl Walter-Hofstra '58 and Dick Oeler '60.

Behind the plate will be the able catcher, returnee Warren Goodnow '59. Vieing for first base are Larry Jones '59, who led the team in hitting last year with a .348 average, and last year's freshman star Neil Fitzpatrick. Holding down the key-number one sack is veteran Ed Sullivan '58. At the shortstop position will be Paul Larson '58, who played part of last year's season. The apparent holder of the hot corner at third base is Junior Elliott Fineman, who also played a part of last year's season.

From among the many contenders for the outfield positions, Captain Bob Witte '58, who batted .263 in 1957, stands out as the probable starting center fielder. Holdover Seiji Tanahara '59, appears to be the starting right fielder and basketball star Walter Humann '59 seems singled out for the left field job.

Lacrossemen Win Twice, Lose Once On New York Trip

MIT's lacrosse team opened its 1958 season during spring vacation winning 2 out of 3 games on their trip through New York.

The Beavers bowed in their opening game to a perennially strong Hofstra team, 25-2. While the Long Island stickhandlers could do no wrong, the Cardinal and Gray had trouble getting started. Dick File '58 and Don deReynier '60 scored the only goals for MIT.

The Techmen eked out their first victory, downing CCNY 5-4, File scoring the winning goal in the last 35 seconds of the contest. The score was no indication of the play, as MIT dominated the game throughout. The Engineers' early season inaccuracy was evident, as they only scored on 5 of their 53 attempts. Beaver tallies were recorded by Jon Weisbuch '59, Jim Russell '59, Charlie Fitzgerald '59 and deReynier. Goaltenders Fritz Frank '60 and Dix Browder '59 and defenseman co-captain Richie Johnson '58 were stalwarts at stifling the New Yorkers' attack.

The Techmen, improving each game, ran over Stevens Tech 7-3. In control all the way, the Engineers had no trouble in recording their second victory. File, deReynier, Russell, and Fitzgerald led the scoring. Johnson, Joe Timms '58 and Herb Prulick '59 were outstanding on defense.

Engineering-Administration Squad Seeks To Avenge Last Year's Sound Thrashing In Colorful Spectacle

(Continued from page 1)

Pinning its comeback hopes on the diversity of its roster, the Engineering & Administration team will of course rely heavily on veteran Gene "The Stilt" Chamberlain (Admissions). Other returnees are Bob Briber (Administration), John Murphy (Athletics), Bill Speer and Bob Holden (Deans), Charley Miller (Civil Engineering) and Mal Kispert (Administration).

Newcomers to the E & A squad are Bob Cannon (Mechanical Engineering), Pierre Brian (Chemical Engineering), Myron Gordon (Industrial Management), Sam Mason (Electrical), Walter Milne and John Mattill (Public Relations), Gerald Putnam, Herb Woodson, and even an athletic director Richard Balch.

Law is Key

Supremely confident, and buoyed up by two ROTC performers, the defending champion Science & Humanities team looks again to the laws of physics and the beauty of nature as the key to victory. In second-year men "Easy Uno" Ingard (Physics), Gene Brown (Biology), Tom Mahoney (Humanities), "Rocky Stocky" Stockmeyer (Chemistry), and "Unnerving Irving" Bartlett (Humanities), they have a quintet of proven prowess. Rounding out the squad are rookies "Wild Bill" Greene, Ted Wood and Ted Lockwood (Humanities), Bill Kraushaar and Nat Wall (Physics), Ed Herbert (Biology) and Bill Moore (Chemistry).

THE OFFICIALS
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Frederick G. Fassett, Jr., Dean of Residence
SCIENCE AND HUMANITIES TEAM
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Colonel Gilbert G. Brickerhoff, Jr., Professor of Military Science
Eugene Brown, Assistant Professor of Biology
William Greene, Professor of Humanities
Edward Herbert, Assistant Professor of Biology
Captain Peter Hexner, Assistant Professor of Military Science
Uno Ingard, Associate Professor of Physics
William Kraushaar, Associate Professor of Physics
Theodore Lockwood, Assistant Professor of Humanities
Thomas Mahoney, Associate Professor of Humanities
William Moore, Assistant Professor of Chemistry
Walter Stockmeyer, Professor of Chemistry
Nathan Wall, Associate Professor of Physics
Theodore Wood, Jr., Associate Professor of Humanities
ENGINEERING AND ADMINISTRATION
Richard Balch, Director of Athletics
Robert Briber, Administrative Assistant to the President
Pierre Brian, Assistant Professor of Chemical Engineering
Bob Cannon, Asst. Professor of Mechanical Engineering
Eugene Chamberlain, Assistant Director of Admissions
Myron Gordon, Asst. Professor of Industrial Management
Robert Holden, Associate Dean of Students
Malcolm Kispert, Administrative Vice-Chancellor
Samuel Mason, Asst. Professor of Electrical Engineering
John Mattill, Director of Publications
Charles Miller, Assistant Professor of Civil Engineering
Walter Milne, Assistant to Director of Public Relations
John Murphy, Director of Athletic Equipment
Gerald Putnam, Asst. Professor of Mechanical Engineering
William Speer, Associate Dean of Student Counseling
Herb Woodson, Asst. Professor of Electrical Engineering



Higher! Two of the participants in the Basketball game leap high for ball control prior to the game.

Sailors Finish Fifth To Navy in Maryland Error Costs Victory

Last Saturday at Annapolis, ten teams vied for the coveted McMillan Cup. In the overall standings, MIT finished fifth, with the host team Navy coming in first.

In the morning race, the Tech sailors came in second to Navy, finishing only twenty seconds behind the Midshipmen in the ten-mile race that took over two hours. Each team entered one 44-foot yawl, manned by seven men and one skipper.

Beavers Miss Start

In the afternoon race, MIT made a fatal mistake that cost them a chance for victory. Mistaking a starting signal for a postponement signal, the Engineers started late and were a half mile behind the pack when the race began. It took them about 11 minutes to reach the starting line, and when the race had ended, the Beavers had finished last only six minutes behind the winner, which was Navy.

Last Race Rained Out

Sunday's race was postponed due to rain. The final standings were: Navy 20½, Yale 15, Penn 14, Princeton 12, MIT 11, Dartmouth 11, Coast Guard Academy 10, Trinity 9, and Merchant Marine Academy last with 6.

The sailors for MIT were skipper Bill Windall '59, and crewmen Dennis Posey '59, Bill Blaiklock '58, Jan Northby '59, Bill Beach '59, Will Johnson '59, Jerri Slewicki '59 and Pete Gray '61.

This Saturday, the Engineers will be among seven teams competing for the Oberg Trophy, held at Tufts. Each team will enter three dinghies in the races. On Sunday Brown, BU, Harvard and MIT will be battling for the Geiger Cup, on the Charles. One contest will feature fireflies, two dinghies and the last 180's.

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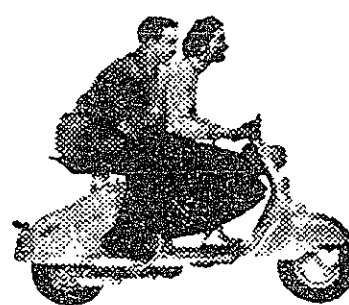
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What's it like to be with IBM?

"I guess everybody's a little concerned about his first assignment on a new job," Robert Schopp says. "I know I was. For one thing, I was worried about getting stuck in some work I didn't like—and not being able to get into what I really wanted to do."

Bob Schopp joined IBM in 1954. He already knew something about the company and electronic computers, having worked part time during college at the college IBM machine installation. "But I still didn't know just how my M.E. degree from Kansas State would be put to use," he recalls.

He started as a Machine Designer in Production Engineering, with cost reduction work as his primary responsibility. "But, like most M.E.'s," Bob Schopp says, "I'm a 'tinkerer' by nature. I soon saw that Product Development was the place for me. So I received a transfer. You can do this at IBM because they believe that what's best for you is best for the company."

Promoted in six months



Bob works in a small team

Promoted six months later to Associate Engineer, he now works as part of a small group headed up by a Project Engineer. This "team" consists of another M.E. and himself, an E.E. and a model-maker. Bob Schopp is an "idea man"—that is, his efforts are devoted to basic developments rather than specific jobs. Right now, his project entails the creation of the "ultimate package in printed circuitry." His group "brainstorms" this project in continual sessions. The results are put in model form. Then the group tries to "tear the idea to shreds" in order to create something even better.

"I call this *practical creativeness*," Bob Schopp says. "You create freely, yet you work toward a practical end. I guess maybe a quarter of my time goes into 'dreaming.' To me, this job is more creative than production, less creative than pure research."

Many opportunities for the M.E.

While circuitry packaging is his present work area, there are many other challenging projects under way at IBM. All are handled by the same "small-team" approach. "There are many ways," Bob Schopp says, "in which an M.E. can contribute to the development of computers or other IBM machines. You may work on either analog or digital computers, or on their com-

Product Development Engineer Robert Schopp, like many other engineers, mathematicians and physicists, came to IBM directly from college. Here he reviews his progress and tells how he translated his M.E. degree into a rewarding career.

ponents—memory cores or transistors. You may be asked to design special jigs and fixtures—for this new field often calls for unique equipment. You may work with servo-mechanisms or automation setups.

"This computer field is so new, particularly in the component area," he emphasizes, "that there's always the chance you'll come up with something really important. And believe me, if it's good, IBM will use it."

Asked about advancement opportunities at IBM, Bob Schopp reports, "At the rate IBM is expanding, any



Checking a computer component

man who works and has a desire to get ahead can't help but advance. The potential's there, all right. Why, I've seen over 300 new management positions created in the time I've been at IBM. Jobwise, I can head either toward Project Engineer—that means management—or toward Staff Engineer—the technical side of the business. Both have equal advantages from a 'get-ahead' point of view."

This profile is just one example of what it's like to be with IBM. There are many other excellent opportunities for well-qualified college men in Research, Development, Manufacturing, Sales and Applied Science. Why not ask your College Placement Director when IBM will next interview on your campus? Or, for information about how your degree will fit you for an IBM career, just write to:

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Rugbers Lose Three Contests In Bermuda

Balmy weather and sandy beaches provided a marvelous vacation for the eighteen men of the MIT Rugby Club who flew to Hamilton, Bermuda, last week, although they met with ill luck on the field, losing thrice by narrow margins.

After flying down Thursday night, the men prepared for their opening encounter with Amherst on Sunday afternoon. The Beavers were downed by the Jeffs 10-5, after taking the lead midway through the initial half. Ken Jones scored a try for the Techmen on a 50-yard rush and Pete McDavitt added the conversion, but Amherst later came through with a pair of tries and conversions.

Despite the fine play of Fred Morefield '57, Richard Simons '59, and Dick Burgie '58, the Engineers dropped a tightly played game with Dartmouth 3-0, on Tuesday.

Thursday afternoon saw the Cardinal and Gray face the Bermuda Barbarians, a team composed mainly of policemen. The cops won 6-3, with Tony Dudman registering a try for the Beavers' lone score.

MIT Netmen Split Four on Road Trip

The Cardinal and Gray opened up the tennis season by splitting their four matches on their spring trip. After having their opening match with the Quantico Marines rained out, the Beavers met Wake Forest Tuesday afternoon.

The day's contests saw co-captain Jeff Winicour '59, first singles; co-captain Bob Kenesick '59, second singles; Pete Moss '59, third singles; and Bob Hodges '60, number five, take their opponents in tight matches. Simultaneously, Tom Cover '60, fourth man, and George Koo '59, number six, suffered at the hands of the Deacons. Later in the day, co-captains Jeff and Bob teamed to win at first doubles; Hodges and Koo went together to take second; but Moss and Cover had their match called because of darkness.

Having taken the opener, 5½-3½, the Engineers drove on to College Park to play against the University of Maryland. In the first round, the Beaver racqueteers were beaten by the Terrapins, 5½-3½, and on the second day, by 9-0.

on deck

Saturday:

Baseball with BU here 2:00 p.m.
Lacrosse with Brown here 2:00 p.m.
Rugby with Montreal here 3:00 p.m.
Varsity Sailing-Oberg Trophy away
Freshman Sailing-Regatta here 1:00 p.m.

Sunday:

Varsity Sailing-Geiger Trophy here 1:00 p.m.

The Student Chapter of the A.S.C.E. is sponsoring a STUDENT SPEAKING CONTEST to be held on Thursday, April 17, 4:00 p.m. Prizes will be awarded
FIRST PRIZE—\$50.00
2nd PRIZE—\$25.00 3rd PRIZE—\$10.00

Winners will be eligible to attend the New England Regional Competition at the University of Vermont on Sat., May 3, 1958. Subject: Any subject matter that is of interest to Civil Engineers will be acceptable. The topic should be on a technical subject suitable for a non-technical audience. Length: The length of the paper shall not exceed a 10 minute time limit. Presentation: All papers must be presented entirely orally. Notes may be used in the presentation.

All undergraduates of the Massachusetts Institute of Technology are eligible. For further information contact: Frank Koppelman LO 6-9360

Dining Column

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FOR SALE—Refrigerator—Crosley Shelvador. See J. Milgram, Burton 344, Ext. 3278.

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MIT Chapter Tops Nation

Tau Beta Pi Selects 68

The Massachusetts Beta Chapter of Tau Beta Pi, national engineering honorary fraternity, recently elected 53 undergraduate and 11 graduate students of outstanding engineering promise to its membership.

This election marked the inauguration of a new election procedure whereby eligible candidates are considered on consecutive weekends, the interim being used to obtain more information about those desiring membership. Even with such a system, Ben Inseira, president, Course I, '57, felt that many of the junior class candidates were not as well known to the members as they might have been. However, it is his hope and belief that the caliber of those elected will maintain the MIT chapter of Tau Beta Pi as the outstanding in the national organization, an honor which was bestowed upon Massachusetts Beta at the last national convention.

In addition to the undergraduate and graduate students elected, four professors were awarded alumni membership. These included Prof. Myle J. Robby and Prof. John M. Biggs of Course I, and Prof. Samuel Caldwell and Prof. Karl L. Wildes of Course VI.

Students elected to membership include the following:

SENIORS

Alan K. Cameron
John E. Cohn
David D. Clark
William Balzell
John C. Haemker
David Gills
James W. Graham
Leo F. Kelley
Richard Klatter
Charles P. Lawes

JUNIORS

Donald H. Avery
John H. Boyd
Joseph C. Bungel
James B. Conklin
Thomas Crystal
Paul Dwyer
Frederic J. Dennis
Gar Falkenstein
Arthur G. Frost
Harold E. Gimland
William H. Glenn
Donald S. Groll
Gene M. Harner
Glen Y. Hersh
Agnes Kallagay

Sales Racks

For the convenience of our readers, we are placing sales racks at strategic points throughout the Institute. The racks were designed and produced especially for *The Tech* by the Marlboro Wire Goods Company in Marlboro, Massachusetts, through the kind assistance of its secretary, Mr. H. A. Moineau '27.

The locations of the racks—subject to change—are: Bldgs. 1, 2, 7, 8, 10, Sloan Bldg., Compton Lab, Hayden Library, Dorrance Bldg., Bldg. 31, Bldg. 48, and Morss Hall.

Roger Kane
Frank S. Koppelman
Bruce J. Woolen
GRADUATE STUDENTS
Denis Connolly
Donald Carroll
Sidney Carter
Engene Donovan
Jean M. Dupont
Donald George
Richard H. Knoch
Milton L. Lavin
David R. Ludwig
John R. Mann
David L. Moore
Arnold Olshaker
Herbert M. Packard
David Pawliger
John W. Patten
Robert W. Rodrick
Ronald Rosenberg
Robert L. Rosenfield
James M. Snodgrass
Terry Welch
Smovel Winiograd

Bush Urges Students to Work Hard, Play Hard, Return Education Stake



Chairman Vannevar Bush speaking before the Burton House Egghead Seminar last Sunday.

Vannevar Bush '16, Chairman of the MIT Corporation, told a Burton House Egghead Seminar Sunday night that although the United States was facing many serious problems, MIT was doing a "damn good job" in meeting its challenges. He spoke before an audience of about fifty people, sharing reminiscences of his own college days and delivering opinions on a variety of current topics.

Dr. Bush told the students of their mission to the community and the advantages of an MIT education. He said, "An education is the least expensive thing you fellows buy . . . we are doing a hand-painted job on each one of you. We must set the standards and lead the way."

"Living conditions today are much more pleasant than when I studied here," continued Dr. Bush. "You have many more conveniences and better

social life. When I was here, we didn't have cars or telephones."

"Since this is a factory environment, MIT will never be able to achieve the atmosphere of good old Siwash. But we do pretty well here—after all, most students here are serious and hard-working, 'even though some do still get away with murder.'"

In response to a complaint from the audience about too much homework, Dr. Bush went on, "I don't feel sorry for you at all! You're here to work like the devil and play like the devil—although I must say that you have lost some of the zip of the good old days. The reason you work hard is that you want to work hard. Public opinion calls for this sort of work, and you make this public opinion. You are here because you want a tough fight, the joy of battle. Sure you gripe and growl—you wouldn't be human if you didn't. But you wouldn't change it if you could."

Reminiscences

Dr. Bush related some memorable events of his own life. He began by describing how he made spending money by tutoring freshmen and his singing in the Glee Club. He went on to his encounters in Washington, his adventures advising Presidents Roose-

European Chartered Flights Show Promise of Being Sell-Out Success

All persons planning a trip to Europe during the next six months, and who are members of the MIT community, will profit by considering the Charter Flight plans for 1958, says Stewart Mott '59, organizer of the flight. The plans for '58 are to send two plane loads of 68 passengers each from New York to Paris and return. The dates offered are June 16-Sept. 10 (three-month trip) and June 28-July 31 (five-week trip), at a minimum "share of expenses" cost of \$325 and \$280, respectively.

The Charter Flight, now a by-word on campus identified with low-cost transportation to Europe, was organized by Mott last fall. Since its modest beginnings, as a group of forty people, it has swelled to nearly ten times that size, boasting a present mailing list of 375. Although only a third of this group can be accommo-

dated this summer, it is probable that the idea will be continued and that Charter Flight will become a regular service to the MIT community.

Mott reports that the number of confirmed bookings has climbed steadily since the inception of the idea to its present value of 85. The airlines and steamship lines are reporting full capacity bookings, and the remaining 51 Charter Flight seats are not expected to last through two more weeks. In a recent newsletter on the subject of Charter Flight seating capacity, Mott stated, "At present both planes are nearly full. Between now and April 15th I expect that the remainder of the seats will be taken. There are more than 200 people who have expressed an 'interest' in going on one or the other of the two flights but have not yet come to a

(Continued on page 3)

All-Tech Sing, Springnite, Parties Sub For Studies This Weekend

Even though the weatherman has refused to make any definite commitments about the coming of Spring, the MIT community has officially announced its arrival with the first big party weekend of the term, a sure sign of the season when the apparently impotent seeds burst into life. All-Tech Sing, the Freshmen's Springnite, a junior cocktail party, and two fraternity bid parties should make this weekend a memorable one.

The celebration begins Friday night at eight with "Springnite" at the Sherry Biltmore's Starlite Terrace when the Class of '61 makes its debut in the social limelight. Tickets are currently on sale in the freshmen sections and in the lobby of Building Ten for \$2.50 per couple. The Jack Edwards Orchestra will provide the music at the semi-formal affair. For naming the dance, Peter Gray '61 received a free taxi ride, dinner for two, and a ticket.

A somewhat sophisticated beginning to Saturday's activities will be provided at the Theta Chi house at four in the afternoon when Sigma Epsilon Chi, the junior drinking honorary, meets to discuss the finer things of life—over cocktails.

The evening's festivities will be highlighted by the annual All-Tech Sing when ten groups will compete for the top awards and the infamous "Egbert". Professor Ted Wood will emcee the affair when Phi Gamma Delta and Burton House attempt to recapture top honors. The cast of Tech Show will re-enact some outstanding scenes from the recent production, "Out on a Limbo".

Two bid parties will be well underway when the final curtain closes on All-Tech Sing. The open bid "Impressionist's Holiday" at the Phi Sigma Kappa house will offer free cocktails in an atmosphere (complete with a twenty-foot waterfall) designed to transport him and his date

into a state of happy escape from reality.

Advertising "a bit of olde Bavaria in Bostontown", the Phi Delta's closed bid "Rathskeller" will provide both dark and light beer and some top-notch Dixieland and smooth dance music against a background of a German beer-hall.

Science and Humanities Tops in B-Brawl; Riotous Shooting Fatal in 34-22.5 Rout

A standing room only crowd cheered the Science and Humanities team on to a 34-22.5 victory over the Engineering and Administration five (or six) in the MIT Basketball classic in the Armory Saturday night.

Playing under revised rules, enforced by referees Dean Fred Fassett and Vannevar Bush '16, the excellent field play and shooting deadliness of the S and H team proved to be 11.5 points too much for their opponents.

Rules

The revised rules made each field goal worth five points, each free-throw three points and put five men on the court in odd numbered periods and six in the even numbered divisions. The fractional points came in when Engineering and Administration scored on a beautiful play after the gun had sounded, and it was decided that they should get 2.5 points for the effort.

Uniforms?

The team uniforms were anything but uniform; highlights were Prof. "Reddy Teddy" Wood with a brandy

kog, Col. "Big Brass" Brinkerhoff sporting a Civil War jacket, "Sinusoidal Sam" Mason, who thought it was to be a swimming meet, with his flipper clad feet, and "Bang Bang" Cannon clad in long red underwear.

PLAY BY PLAY OF THE CLASSIC OF CLASSICS:

First one-eighth: Science and Humanities opened strong with "Ted Knockwood" Lockwood put a rather indescribable shot in to put his team ahead 5-0. After a scuffle for control of the ball, in which Wood momentarily demobilized Athletic Director Balch with a beautiful tackle at mid-court, S and H got the ball only to have "Nifty Nathan" Wall of 8.02 fame miss a shot. "Sexy Hexy" Hexner made the final score of the period on a fast break. Score at Whistle: S and H--10; A and E--0.

Second eighth: Last year's star "Easy Uno" Ingard took one shot, but miscalculated and got a hyperbola instead of his famed "parabolic shot"—and missed the basket by seven feet.

Third Eighth: A and E entered the

(Continued on page 4)



A shot, and the shooter, are nicely blocked as Science and Humanities defeats the Engineering and Administration Team in the Basketball classic. See page 7 for story of MIT All-Stars over Harvard Champions.

Field Day

Walt Humann '59, Junior Class President, will present Beaver Key's program for 1959 Field Day at a meeting of Institute Committee this Thursday at 8:30 p.m. in Litchfield Lounge. As are all meetings, this will be open to the public. Both Humann and UAP Jerry Stephenson '59 strongly urge all interested students to attend.

velt, Truman, and Eisenhower, and his embroilment in major national issues of education and defense. He told how he coined the terms "basic research" and "guided missile" during Washington hearings.

The entire seminar was given over to questioning by the audience. Dr. Bush gave his ideas on subjects which included, in addition to the above national defense, MIT professionalism, the conflict of research and teaching, and the severe lack of competent teaching in America. He said that we had been badly trumped by Russia in science and teaching, and recommended a drastic change in public opinion to respect intellectualism, saying "the unusual chap needs unusual opportunities."

MIT Grad Expelled From Top Red China Science Commission

Dr. Tseng Chao-Lun '23 has been expelled from the Science Development Commission of the People's Republic of China for being too "rightist" in his political views. This report appeared in the "Asian Student", an American newspaper, from a broadcast on Peiping radio.

The Science Development Commission is the highest scientific authority in Red China. It is being purged by Premier Mao Tse-Tung to eliminate counter revolutionary elements; seven other top Chinese scientists have been removed along with Dr. Chao-Lun. He took his bachelor's degree in chemical engineering and a doctorate in chemistry at MIT, and has been a member of the faculty of the National University of Peiping.

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reviews

In a Spotty Tradition

Arabesque, to be published tomorrow and styled "A literary review financed by T.E.N.," is the third such publication to appear in the last four springs. Its predecessors failed for want of material, and, from its first number, *Arabesque* seems destined for a similar finish. Of the five items listed on its contents page, two are by faculty members and only one, John Covington's "Dr. Germshausen's Tree House" is acknowledged by an undergraduate.

Frankly, *Arabesque*, for all its good intentions, is not very good; and its contribution to the local scene will probably be added proof that MIT can not support a literary publication.

The lead article is would-be spoof entitled "The Voltaire-Shakespeare Controversy." An intended parody of the Baconites, Marlowe-men and others of their ilk, it is hardly funny, partly because it is a labored effort relying on a single joke and partly because nobody around here really cares enough for the Baconites to be sufficiently amused by a parody of them.

Professor Giorgio de Santillana's analysis of "The Italian Novel Today" is probably the best thing in *Arabesque*. Unfortunately, Professor de Santillana is primarily a historian and not a critic. His comments on the prevailing climates in Italy are interesting and knowledgeable but an analysis and comparison of literatures solely in sociological, political and economic terms it must need be inadequate.

John Covington's story is entertaining to a mild degree although one wishes he would refrain from putting adjectives before every noun. His choice of words is occasionally irritating especially when almost jargonesque words are mixed in carelessly. It is primarily the superfluity of his description which prevents the achievement of the stark effect necessary for the success of the piece.

The remainder of *Arabesque* is devoted to poetry, none of which is any good at all. A short poem by Millie Ivanoff is typically adolescent and indistinguishable from probably a hundred thousand like it written each year. Professor William Greene's two poems are not intended to say very much. The only explanation possible is that Professor Greene makes up rhymes in class while his colleagues do less productive doodling. There is no explanation for his allowing these to be published.

Fortunately for *Arabesque*, it has the financing of prosperous T.E.N. Unfortunately, it has little else.

—J. A. F.

flask and flagon

Under the Table With Albertle Turtle

It may come as a surprise to many an amateur, but the connoisseur's opinion is that a good scotch drinker, hardly knows anything about the qualities and shortcomings of the finest wines and liquors.

Since it is difficult to get a Chaucer report on this matter, it is a good idea to give at this late date a report on what our Beaver tourists should consume on leaving Stew Mott's DC-4's at Orlly Airport, Cité Lumière.

The King of French Drinks is Champagne which comes from the region of the same name. Brand is essential for a good choice and *Moet et Chandon Dom Perignon 1947* is the number one to pick. However, it depends on tastes and circumstances. With oysters, *Piper Hiedsick* is the brand to follow and for desserts, a good company is *Veuve Clicquot Ponsardin*; but in general, the average drinker will not have the cash or will be in the circumstances where Champagne is the thing to drink.

The daily liquid which demands a large consumption in Paris is the U.S. forbidden *Pernod*. Made of absinthe, it is the strongest drink known in the civilized world, excepting perhaps Peruvian *Pisco*.

A *Pernod* drinker never drives after a couple of the liquorice-flavored smooth poison. If one is "on the road" then one should proceed to imbibe *Pernod's* younger brother *Ricard*. Both of these drinks are dark gold in colour; but will turn milky on addition of hydrogen oxide. The right proportion to drink it is 1:5.

Plain wines are cheap, good and compulsory. The province of Bordeaux boasts terrific white wines and good red ones. The sweet and mellow *Santernes* are to be drunk with fish and chicken; though people who can consume four or five bottles per meal should switch to *Barsac*, *Graves* and eventually *Chablis*.

Red clarets of the region are satisfactory; but the best region for red wines in France is *Burgundy*. For intermediate meats such as duck, goose, rabbit, the best type is an intermediate *Beaujolais*.

Crops for these wines vary; but you are right 3 out of 4 times if you pick a 1937, 1945, 1947 or 1955.

—Albertle Turtle

Viewpoint on Education

If there is one thing that distinguishes European education from that in this country perhaps it is this: the active part the European student takes in formulating his scholastic environment (national environment, too).

Students in this country have the attitude that they can do nothing—and what is a more basic fault, care to do nothing—to influence the type of education they receive. They prefer not to enter into any intimate association with, or personalize their contact with a university. The integral part that the European students form in their schools is apparent in the not infrequent demonstrations that one reads about. For instance, last December there were protest marches all over France in an effort to divert more money to the universities. The student's response to his unsatisfactory academic environment and curriculum was action.

In the United States, though it is hard to make any generalizations because of the great difference among schools (as an MIT exchange student from Chalmers Technical High School said: "There is a top level in American education and there is a bottom, and that bottom lies pretty low"), students are more cautious and conservative. And concerning national and international relations, his attitude is no longer conservatism but rather apathy.

This withdrawal from active participation in education—from being a part *in* the system to a part *under* the system—is a trend that parallels the evolution of the so-called Organization Man. A trend in which the individual's role in the corporation and the student's role in the university become equivalent.

This is a problem of changing values in which the exciting and stimulating participation in education (as an adventure) has given way to a family orientation and security search. In the same way that work motivation has changed in this country in the last decade, education motivation has changed, too. As David Riesman has said, the average American student can envision the future non-work side of his life with greater detail and enthusiasm than he can the career side. Sociologist Riesman has observed that marital relations are important to students, and that almost all seniors are either married, engaged, or foreseeing marriage. Most expect large families.

The ex-University of Chicago professor thinks that students want a station-wagon type, college educated wife (ah, the eternal Wellesley girl), not the silent childbearer of other times (could this be the European mate?). At any rate, the family is definitely first and the career second, and there is a loss of belief that work can be an end in itself when done for a large concern. Does this account for the exciting attitude that so many Americans seem to lack in their education? In Europe the large corporation may not have such a profound influence on the college graduate.

It is in much the same way that students leave their education completely to the school that they leave their destiny in the hands of the corporations. And this even though the students may have an intense interest in their vocations!

Riesman thinks that there is a general revolution against work, and just as this underplays the importance and excitement of work, so do the students underplay the importance and excitement of education. This withdrawal of allegiance from work and the attitude of resignation is the counterpart of a resignation and withdrawal from an active participation in education.

Most students don't realize or don't want to realize, that the educational machine is not the monolithic impregnable organism it might seem to be, but rather something that should be, and can, easily be affected by him. For the most part, we the students are only being taught and miss the more rewarding brilliant participation in learning. This is the excitement one finds in the students at the Sorbonne, Frankfurt, Paris and Bologna.

—Jon Wigert

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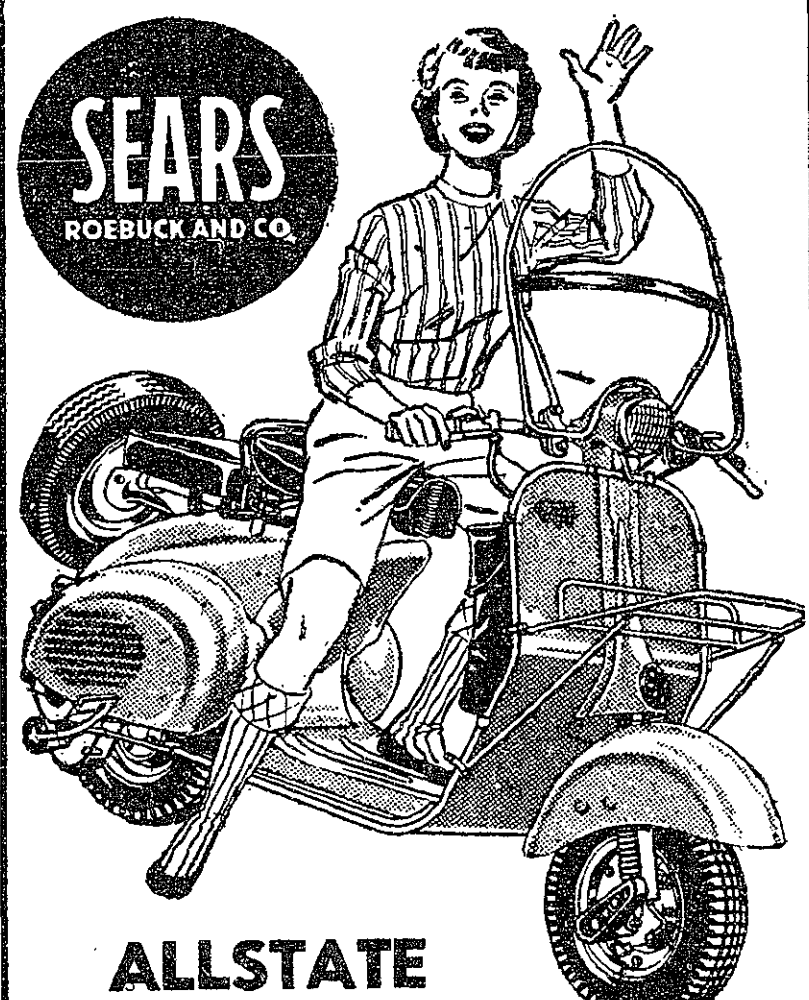
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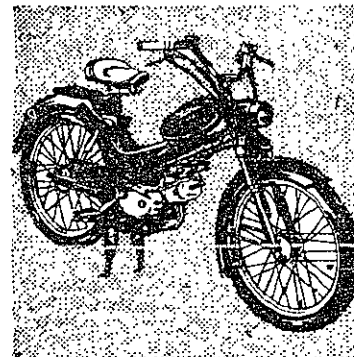


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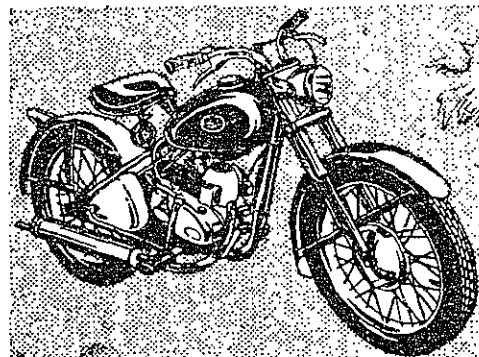
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Alpha Phi Omega to Build Geiger Monument, New Hampshire Camp

A long standing dream of the MIT Chapter of Alpha Phi Omega, national scouting fraternity, will be realized soon when its members journey to New Hampshire's picturesque White Mountain area for an overnight encampment. On May 10 and 11, the chapter will construct a monument there to bear a plaque honoring the late Athletic Director Ivan J. Geiger, a long time benefactor of the scouting movement.

The dedication will be made at Camp Quinapoxet, a rugged wilderness preserve which the Cambridge Council has set aside for the use of Cambridge Scouts and Explorers. The camp, in its infancy in development, has long been the pet project of the group. Last summer, the chapter added two canoes to the facilities there and with the construction and dedication of the Geiger campsite, will have

played a major role in the development of this worthy project.

Mr. Geiger, for many years adviser to the chapter, was the Institute's first athletic Director. He guided the athletic department for seven years, before his death in 1955, and was instrumental in developing the intramural program.

Mr. Geiger came to MIT after a coaching assignment at the U.S. Coast Guard Academy, seeing here the need for a greatly expanded athletic program, he instituted the "sports for all" philosophy. His accomplishments included organization of a thirteen-sport intramural program often acclaimed as one of the finest in the nation, the acquisition of Rockwell Cage from the U.S. Government, and the planning of the new hockey rink.

Lecture to Discuss Absurdity of Asking If God Does Exist

"The Absurdity of the Question: Does God Exist?" will be the subject of a lecture by Dr. Paul Tillich, University Professor at Harvard University. The talk will be presented in Kresge Auditorium tonight at 7:30 p.m.

The appointment as University Professor at Harvard University is an honor reserved for a small number of scholars who are free to work "on the frontiers of knowledge" without any restriction as to what area should be examined. Prior to his Harvard appointment in 1954, Dr. Tillich was professor of philosophical theology at Union Theological Seminary in New York.

Lecture Series Committee will present the talk which is open to the public without charge.

USNSA Protests Batista's Cuban "Dictatorial Regime"

Cuban President Fulgencio Batista's alleged suppression of freedom of speech, press and elections has long since made him the target for rebel guerilla leader Fidel Castro's bullets. But now a verbal barrage has been launched at Batista, in the form of a protest against his "dictatorial regime", and the plaintiff is not Castro but the U.S. National Student Association, which represents over a million American students.

The telegram of protest signed by President K. Ray Farabee and International Affairs Vice President Bruce D. Larkin was sent to the leaders of the Federacion Estudiantil Universitaria de Cuba (FEU) who have been exiled and are now in Miami, Florida. It asserted: "We pledge the solidarity and support of U.S. students for the demands of the Cuban students for reinstatement of basic human rights and the cessation of embittering oppression against freedoms of speech, press, election."

Stratton Lauds TCA Blood Drive, Urges MIT's Cooperation

Text of the letter from Julius A. Stratton, acting president of the Institute to David Montgomery, '60 co-chairman of the All Institute Blood-Drive Committee:

I was pleased to learn that TCA will sponsor again an on-campus Blood Drive in cooperation with the Cambridge Chapter of the American Red Cross on May 6, 7 and 8.

It seems to me highly significant that this year's drive will be expanded to include all members of the MIT community. With Miss Idella Tapley, Assistant to the Coordinator of Personnel Services, and Mr. Thomas K. Wilkinson, Industrial Hygiene and Safety Officer at Lincoln Laboratory, serving with you as Co-Chairmen, it now becomes an all-Institute project.

The response of students and employees to former Blood Drive appeals has always been generous. Moreover, as members of a donating institution, many individuals at MIT have been able in the past to draw free blood from the bank in time of medical and surgical need.

I hope you will urge everyone who can to participate in this drive. And may I extend to you and your co-workers my personal best wishes for a most successful program.

Reservations for both trips, one-way and round trip, are now being taken by Stewart Mott, REvere 8-5271. It will be possible to obtain reservations through April 19, or until the quota is filled. In Mott's words, "If the plane is full at that date, there may be a few cancellations during the following two months."

USNSA contends that without the granting of these basic freedoms there can be no hope for "normalization of University life nor the rightful guarantee of academic freedom and University autonomy."

The telegram, which was also sent to the Latin American Subcommission of USNSA, concludes with "the fervent hope for soonest re-establishment of justice and freedom in Cuba, reopening of educational institutions, the return of students and professors to normal university life and the right of student movement led by FEU to conduct itself openly and without oppression."

Swedish Lectures, 'Conquest' Interview Feature Dr. Draper

Dr. Charles S. Draper, father of the inertial guidance system for navigating missiles and airplanes, appeared in a filmed interview on the CBS television program "Conquest" last Sunday. The film was made on a cross-country flight in which a Boeing Stratocruiser was being navigated entirely by inertial guidance. During the interview Draper explained the principles of the inertial guidance system.

Head of the Aeronautical Engineering Department and director of the Instrumentation Laboratory, Draper left Friday for Sweden to give two lectures. The first was given yesterday before the Royal Swedish Academy of Engineering Sciences on "Practical Problems of Inertial Guidance." The second, to be given today, will be before the Royal Institute of Technology on "Theory of Inertial Guidance."

"Conquest" is presented by CBS with the cooperation of the National Academy of Sciences and the American Association for the Advancement of Science.



On Campus

with Max Shulman

(By the Author of "Rally Round the Flag, Boys!" and, "Barefoot Boy with Cheek.")

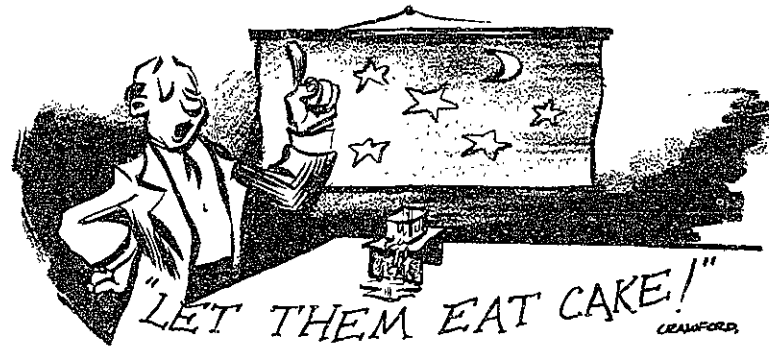
SCIENCE MADE SIMPLE: No. 3

Once again the makers of Marlboro Cigarettes, bless their tattooed hearts, have consented to let me use this space, normally intended for levity, to bring you a brief lesson in science.

They are generous, openhanded men, the makers of Marlboro, hearty, ruddy, and full of the joy of living, as anyone can tell who has sampled their wares. In Marlboro you will find no stinting, no stinginess. Marlboro's pleasures are rich, manifold, and bountiful. You get a lot to like with a Marlboro—filter, flavor, flip-top box, and, in some models, power steering.

The science that we take up today is called astronomy, from the Greek words *astro* meaning "sore" and *nomos* meaning "back". Sore backs were the occupational disease of the early Greek astronomers, and no wonder! They used to spend every blessed night lying on the damp ground and looking up at the sky, and if there's a better way to get a sore back, I'd like to hear about it. Especially in the moist Mediterranean area, where Greece is generally considered to be.

Lumbago and related disorders kept astronomy from becoming very popular until Galileo, an unemployed muleteer of Pamplona, fashioned a homemade telescope in 1924 out of three Social Security cards and an ordinary ice cube. What schoolboy does not know that stirring story—how Galileo stepped up to his telescope, how he looked heavenward, how his face filled with wonder, how he stepped back and whispered the words heard round the world: "Let them eat cake!"



Well sir, you can imagine what happened then! William Jennings Bryan snatched Nell Gwynne from the shadow of the guillotine at Oslo; Chancellor Bismarck brought in four gushers in a single afternoon; Enos Slaughter was signed by the Hanseatic League; Crete was declared off limits to Wellington's army; and William Faulkner won the Davis Cup for his immortal *Penrod and Sam*.

But after a while things calmed down and astronomers began the staggering task of naming all the heavenly bodies. First man to name a star was Sigafos of Mt. Wilson, and the name he chose was Betelgeuse, after his dear wife, Betelgeuse Sigafos, prom queen at Michigan State from 1919 to 1931.

Then the Major Brothers of Yerkes Observatory named stars after their wives, Ursa and Canis, and Witnick of Harvard named one after his wife, Big Dipper, and soon all the stars were named.

Astronomers then turned to the question: is there life on other planets? The answer was a flat, unequivocal no. Spectroscopic studies proved without a doubt that the atmosphere on the other planets was far too harsh to permit the culture of the fine tobaccos that go into Marlboro Cigarettes... And who can live without Marlboro?

This celestial column—like the author's more earthy ones—is brought to you by the makers of Marlboro, the filter cigarette with the long white ash. And in all the solar system you won't find a better smoke.

CHARTER FLIGHT

(Continued from page 1)

decision. There is however, every indication that both flights will be 100 per cent full. Last year Harvard had to turn down twenty people even after filling a 120-passenger Constellation. This year, with the World's Fair drawing record crowds, there will be more than 300 MIT people going to Europe. WE'RE SURE OF HAVING A FULL LOAD!" This assurance makes the trips even more economically attractive, since the cost of renting a plane would be divided among the passengers whether or not a capacity crowd was aboard.

General information on the Charter Flight is listed below.

Airline—Overseas National Airways Agent—The Open Road Equipment—68-passenger DC-4, non-pressurized, 8000 ft. ceiling. Services—40 pound baggage allowance, hot meals served by two stewardesses.

Stops — possibly Boston-Paris-Boston instead of via NYC.

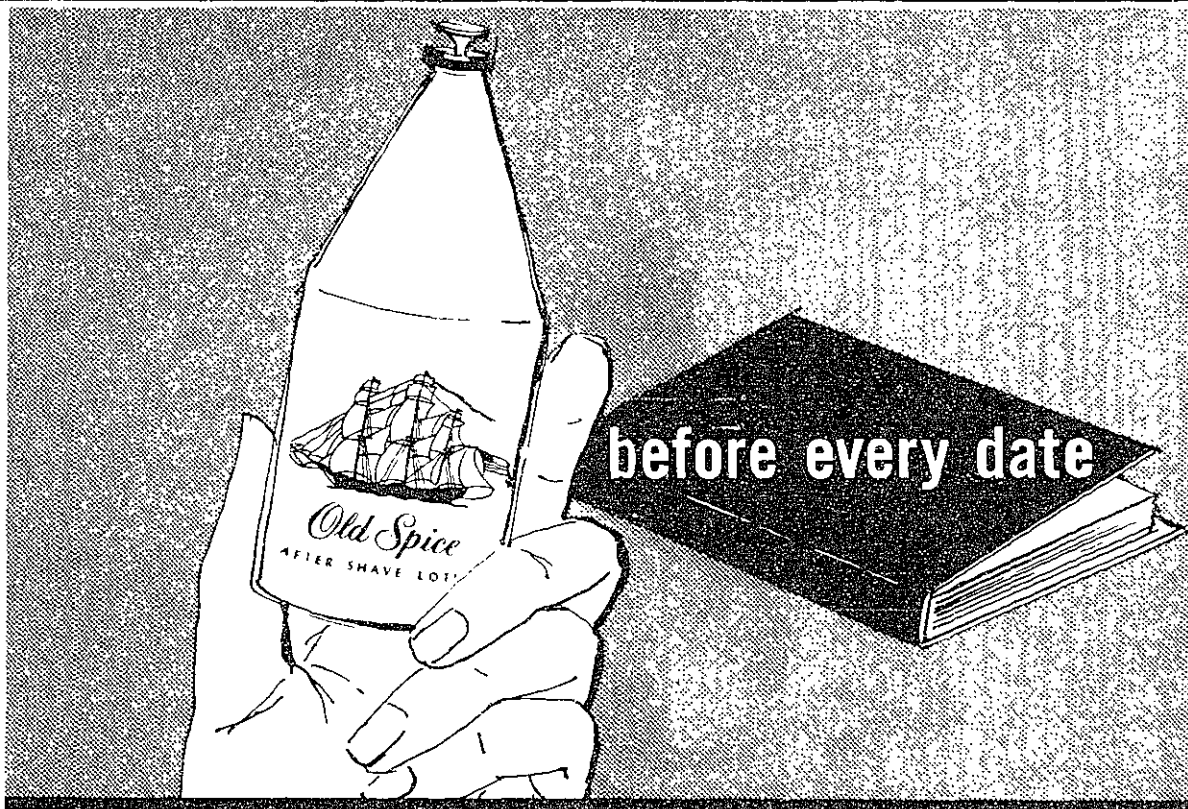
Intermediate stops undetermined as yet.

Eligibility—Membership in MIT community.

Insurance—\$50,000 per person—the standard terms as under the Warsaw conference.

In addition to the Charter Flight program, a limited number of seats on the Choral Society's plane will be made available to the MIT community at large. The plane leaves July 3rd, returns August 2nd, and the costs are approximately \$325.

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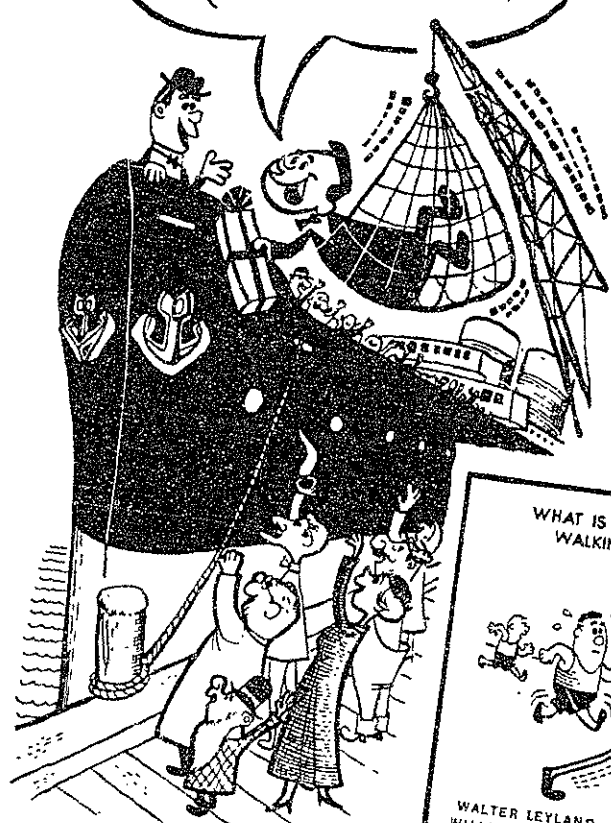
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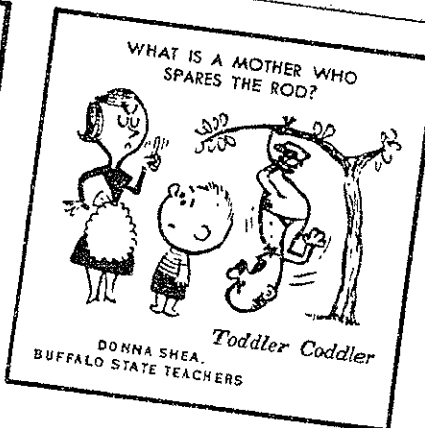
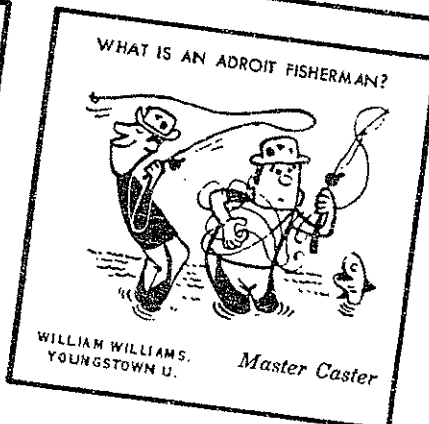
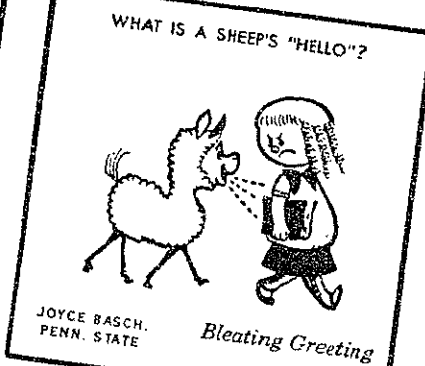
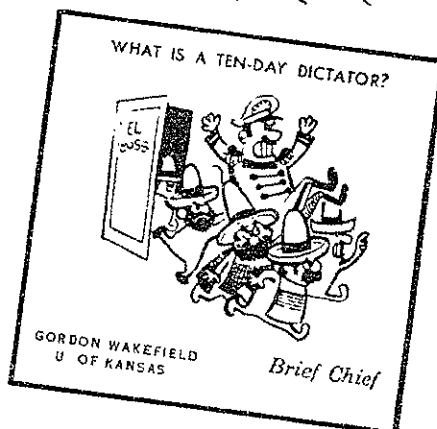
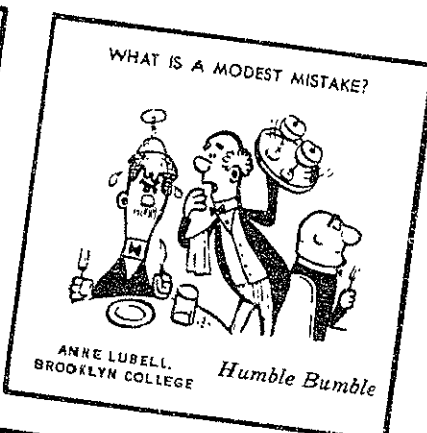
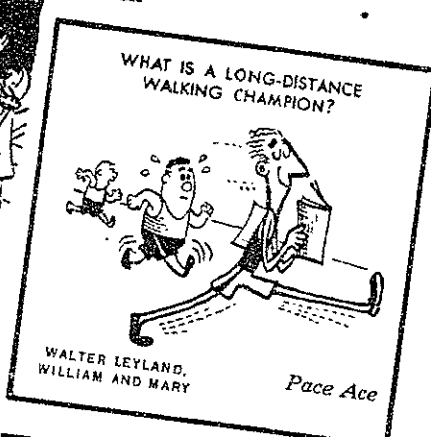
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(SEE PARAGRAPH AT RIGHT)



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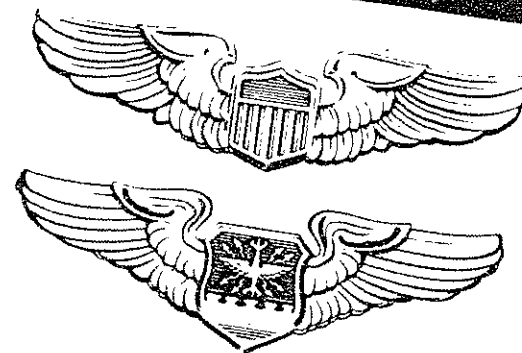


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BASKETBRAWL

(Continued from page 1)

column as a well organized play by Map "Elbows" Kispert under the basket for a score. Score at whistle: S and H--15; A and E-- 10.

Fourth Eighth: "Big Mike" Gordon, A and E climaxed a minute of break: field running and several wrestling matches with a score to put his team within five of the opponents. "Spark" Woodson tied it up with a beautiful shot, but the S and H-ers went ahead when the army put into use some pentagon organization as a play free Brinkerhoff to Hexner netted five points. Score at whistle: S and H--20; A and E--15.

The halftime was filled with antics by the Q Club-Cheerleaders. The band played some fairly interesting notes, and the Beaver Key sold pages.

Fifth Eighth: The first three points four shot was scored by the winning team to make the score 23-15 in S and H's favor.

Sixth Eighth: "Rocky Stocky" Stockmayer, also a star of last year's game, came in for the S and H team and immediately proved his worth by fouling fouled and putting in the shot to make the score 26-15, S and H in the lead.

Seventh Eighth: Gene "Bughunte" Brown, clad in white long johns, went wild on a breakaway a plunked in goal to make the score 31-15. A and E came after the whistle and so good that it rated 25 points. Score: S and H 31; A and E--17.

Eighth Eighth: "Sinusoidal Sam" received a blow on the head as a basketball caught him off guard. A shot by Woodson missed the basket board by only one yard. Referee Dick called a foul under the S and H basket; but Nat "Blank" Wall missed the shot. Prof. "Tryan" Brian followed through the final A and E basket followed by a S and H free throw to end the CLASSIC of CLASSIC with S and H the winner 34-22½.

AHRIMAN SOCIETY

The Ahriman Society will discuss several topics of vital importance to student welfare at its meeting 7:30 p.m. Wednesday. All members of the Corporation have been invited. All regular members and pledge must attend. Notification of meeting place will be found in the usual manner.

Intramural Advisor Added to AA Staff; USCGA Athletic Director Takes New Post

Commander John S. Merriman, Jr., U.S. Coast Guard retired, has been appointed Intramural Advisor at MIT. Athletic Director Richard Balch said, "Merriman will work with George Stivers '50, student director of our well-rounded intramural athletic program which involves 2500 students. His wealth of athletic and administrative experience insures the continuity and wide scope of intramural sports at M.I.T."

Merriman, who retired after 28 years of service as Athletic Director of the Coast Guard Academy, will commence his M.I.T. duties in May. During that period Merriman had served variously as football, basketball and baseball coach at the Academy. He was one of the most respected and popular mentors in New England.

Merriman also held many offices in college athletic organizations. He was a member of the U.S. Olympic Games Boxing Committee in 1948 and was prominent in college wrestling circles, acting as chairman of the N.E. Officials Appointment Committee and is also an ex-member of the Eastern College Athletic Conference Executive Committee and the Nominating Committee for the N.C.A.A.

Born in Mechanicville, N. Y., in

Interclass Meet Is Snowed Out; Frosh Lead in Field Events

Snow and rain forced the postponement of an interclass track meet last Saturday for the second time this season. No definite date had been set at press time for the completion of the spring interclass meet. Three field events, which were scheduled for Friday, were run off, however, indoors in Rockwell Cage.

Although the rain ceased briefly Saturday afternoon, several inches of water remained on the track, forcing the postponement of all running events. The freshman lead at the end of the three events with 22 points.

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Commander John S. Merriman, Jr., newly appointed Intramural Advisor for MIT.

1899, Merriman was educated at Holyok High School, Holyoke, Mass., and Springfield College, Springfield, Mass. He received his Bachelor of Physical Education Degree in 1923 and later did graduate work at Springfield.

Merriman's first coaching assignment was at Worcester Academy from 1923 to 1925 as assistant football and head basketball and baseball coach.

He moved to college level coaching in 1925, becoming head football and baseball coach at Trinity College. Four years later John began his long and illustrious association with the Coast Guard Academy. He re-

linquished his coaching duties in 1947.

The Coast Guard Cadets enjoyed some of their best football seasons under Com. Merriman—like the 1944 team which was probably the best at the Academy. It defeated Dartmouth and Brown on successive Saturdays and gave Yale a hard time before bowing 73.

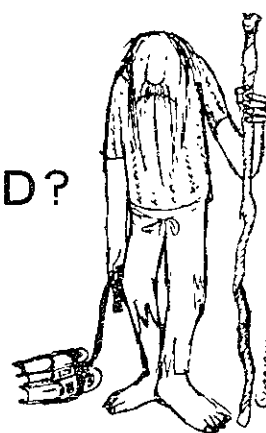
His 1931-32 basketball team became the first C.G. quintet to upset Rhode Island state, pulling a 44-40 victory. The next year the Cadets did it again, winning 33-32. That was the unveiling of a 6-8 center named Frank (Happy) Applin who came off the bench near the finish to score four baskets and pull the game out of the fire.

Stivers' Statement

"I think Com. Merriman's appointment will be a definite aid to our intramural program.

"His presence will help considerably in coordinating the various parts of our varied program and in liaison between the Institute administration and the students. I have found that the student officer doesn't have time to handle this correctly.

"With Com. Merriman's long athletic experience, he should be invaluable in improving our refereeing standards at intramural contests. And in observing intramural contests he might spot prospective members for Tech's varsity squads."



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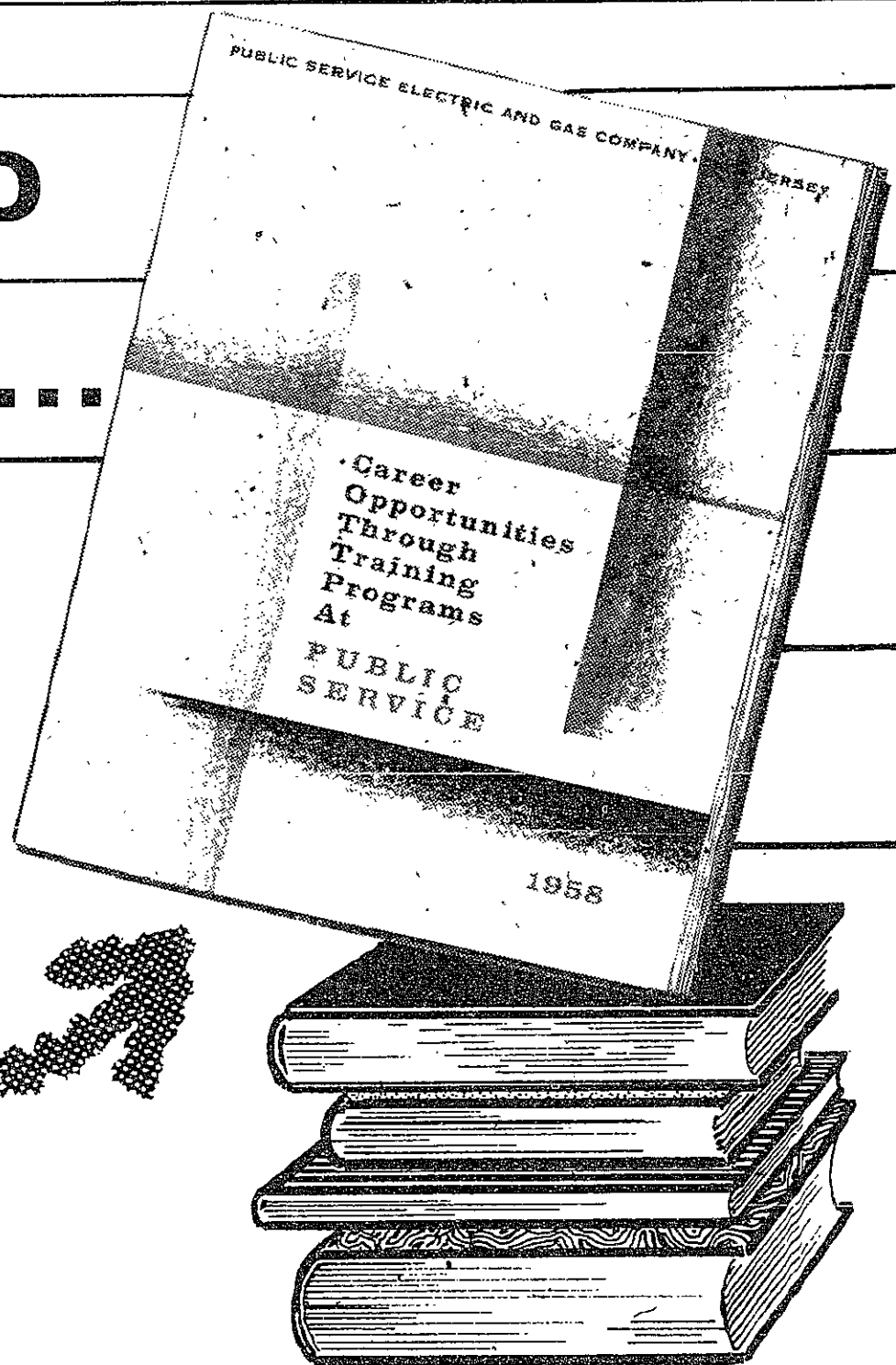
You owe the laundry \$342.45. Let us say you owe the laundry \$342.45 and are ashamed to show your face there, and even feel terror when you smell the disinfectant floating out of the Laundromat. A set-up for Vantage! Since it drip-dries, and needs no ironing, you need never enter the laundry again. And because it's all cotton, it's so elegant-looking, you can pass the laundry with equanimity. The owner, seeing you stroll by in your Vantage, will say to himself, "No sense dunning Morgan for that dough. He's so rich, he's bound to pay me soon."

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TCA LAYS EGGS

The spring egg roll, which was cancelled last Saturday due to snow, will be held this Saturday at 11 o'clock in the Great Court. TCA announces that it will lay eggs at 8:30 a.m. that day, and that the Cambridge children will roll at noon.

Living Groups to Compete
IM Track Meet to Be Held Soon

The intramural track meet will be held on the Tech track, Sunday, May 11, under the supervision of Dave Kleinhen '60, intramural track manager. In case of rain the meet will be postponed until May 18.

The seven events which feature two

relays are: Shot Put, Broad Jump, High Jump, 100 yard dash, 440 yard dash, and 880 yard relay and 880 yard spring medley relay. No varsity or freshmen trackmen or anyone who has won a varsity letter in track will be eligible to participate in the meet.

Last year a great number of Techmen tried their skill at being a cinderman for an afternoon. It is expected that many great trackmen will be discovered in this meet. Sigma Alpha Epsilon will be defending champions.

Tech Sailors Win Oberg Trophy
Freshmen Down Five In Opener

The varsity sailors defeated six other teams on the Mystic Lakes Saturday to win the Oberg Trophy. Sailing 12 foot Wee-Nip dingies in three divisions of racing, the sailors were followed by B.U. second and Harvard third.

The sky was overcast with occasional rain and the wind varied from 5 to 8 knots in the early afternoon to none later on. Sailing for MIT were Bill Widnall '59 in "A" division with Bud Newbury '59 crew; team captain Dennis Posey '59 in

"B" Division with Carol Dorworth '60 as crew, and Gerald Slawewski '59 in "C" with Will Johnson '59 crew. Slawewski led the team in points being high point skipper for the regatta with 42 points. The final results: MIT 42, Boston U. 38, Harvard 37, Tufts 35, Babson 26, Northeastern 18, and Boston College 13.

Fresh Over Five

Meanwhile, back on the Charles River at MIT, the freshman sailors won their opener defeating five other teams including the freshman championship Brown team. Conditions were equally bad on the Charles with fluky wind in the drizzly weather. Sailing for MIT were Pete Gray in "A" division with Tom Hastings as crew and Gary Nixon with Ed Sonn in division "B". Both skippers captured top points in their divisions with Nixon high point for the regatta. The summaries: MIT 49, Schools Sailing Club 40, Brown 36, BU 31, Bowdoin 24 and Harvard 25.

Sunday on the Charles the varsity placed second to Harvard in the Geiger trophy regatta. Named in honor of MIT's late director of athletics Ivan Geiger, the varsity has won the trophy three times since its introduction in 1952. This regatta is unusual in intercollegiate racing in that several types of boats are used in more than the normal two divisions of racing. Four to New England teams are chosen to compete for this trophy. One division is sailed in 110 international sloops, B division is sailed in Firefly sloops, and C division is sailed with two Tech dingies for each competing team. Sailing conditions were almost ideal Sunday with a clear blue sky and temperatures in the 60's. The wind varied from almost none in the lee of the pavilion to 20 knots on the south shore, making wind-shift tactics particularly important. Sailing for MIT were Bill Widnall '59 in the 110's with Bill Blacklock '58 and Bill Long '59 alternating as crews; the Firefly's Dennis Posey '59 will alternate crews Bob Hopkins '60 and Jan Northby '59 in the dingies, Gerald Slawewski '59 and Will Johnson '59 with crews Carol Dorworth '60 and Gary Nixon '61. The final results: Harvard 98, MIT 87, Brown 73, BU 70.

Next week the varsity travels to New London to defend the Boston Dingy Club Cup in a two day regatta at the Coast Guard Academy.

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MIT Intramural All-Stars Top Harvard Winthrop House with Second Half Rally

The MIT Intramural All-Stars and the Harvard Intramural Champions from Winthrop House provided a striking contrast to the hilarious opener Saturday night as the Tech quintet rallied in the second half to win a 65-60 victory. Beta Theta Pi's Warren Goodnow '59, Baker House's Dick Bradt '60, Alpha Tau Omega's Tom Courtney '60, and East Campus's Dave Crockett '58 combined to give the Beavers' scoring punch, while Crimson football star Ron Johanson paced the visitors.

The All-Stars, not used to working as a unit, trailed 16-9 at the end of the first quarter and fell further behind, 36-22 with about six minutes gone in the second stanza. Then the Techmen caught fire and scored six straight to narrow the gap to 36-28 before the halftime whistle sounded.

The MIT aggregation came out strong in the third period and continued their drive. Sparked by the sharpshooting of Dick Bradt and Warren Goodnow, and the hard driving of Tom Courtney, the All-Star hoopers pulled to 46-48 with a minute to go, but two last-minute buckets by Harvard's Tom Lawson again opened up the margin to six counters.

Striving to maintain their advantage, the visitors committed nine of their 21 fouls in the final canto and Engineers took full advantage of them. Four consecutive free throws by Bradt brought the tally to 55-56. After a Harvard free throw, Cyril Galvin of Graduate House sunk a jump shot to knot the count at 57-all at about 5:00 of the fourth period.

The Cantabs managed to score one more point before Bradt sunk a basket to put the Techmen in front to stay at 6:45 of the period. Two free throws each by Bob White '60 of Sigma Chi and Tom Courtney, and a tap-in by Chuck Ingraham '58 of Phi Gamma Delta completed the MIT scoring.

Early in the contest the Harvard Champions, Winthrop House, who have been playing as a team all season, looked vastly more poised and their composure paid. For most of the first period the Beaver defense couldn't gel and the Crimson scored easily on a variety of shots. Meanwhile the Cardinal and Gray were unable to solve the visitors zone and were forced to shoot from outside. Thus in the first period it looked as if Winthrop House was going to run away with the game.

Midway in the second quarter the Beavers suddenly began to click. The long push shots of Bradt and Crockett forced the Harvard defense to come outside and the driving of Courtney, Galvin, White, and George Gilliland '60 of Burton House broke their zone to aid the Beaver attack.

Sigma Chi, Grad. House Remain Intramural Volleyball Finals

Sigma Chi and Graduate House B, the two remaining teams in intramural volleyball competition, will vie this week to decide the championship. During the past weeks play two teams, Phi Delta Theta B and Sigma Alpha Epsilon B, were eliminated from further play.

The season began with forty-two hopefuls and the top teams in each of the eight leagues continued in the finals. The playoffs saw some very good competition and some heart-breaking defeats, and the final game will find two exceptional teams matched. The Grads will find themselves as the slight favorites as a result of taking the Sigma Chi's earlier in final play. Also because the playoffs are on a double elimination basis, the undefeated Grads will have to be beaten twice in order for them to lose.

On Wednesday night Phi Delta Theta B downed Sigma Alpha Epsilon B, 15-13, 15-0, 15-6. During the first game it looked as if SAE was on the way to a victory as they won easily behind the serves of Bob Thompson '58. But the tide changed as the

Phi Delt looked like a new team for the rest of the match. Dwight Kellogg '61 and Walter Ackerslund '58 were spectacular in their back court play and Melvin Cornillaud '61 and Dick Julien '60 showered John Disbrow '61 with pin point set-ups. The SAE's were unable to take a single point as the serve only exchanged hands twice.

In the third game it looked for a while as if SAE was making a come back as Fred Browand '59 and Kirby Gowen '59, the sailor's one-two combination, led them to several early game points. But the spirited Phi Delt contingent was able to amass a long string of points for the victory.

The semi-final match of the playoffs found Phi Delta Theta B matched against Sigma Chi B. It was hardly a contest as the seasoned Sigs out-set, out-served, and out-smashed the younger Phi Delt team. The height of Al Brennecke '61, Tom DuPree '55 and Dave Baldwin '58, and the speed of Larry Flanigan '57, Hoby Kraner '55, and Norman Meyers '54 were plenty to insure easy victory, 15-1, 15-6.

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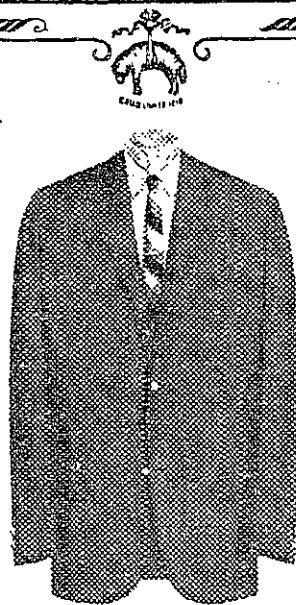
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Thursday Is Day For Panel Discussion on Student's Motivation

A panel discussion, "Motivation of Students", will be presented at 7:30 P.M. on Thursday, April 17, 1958, in the Library Lounge, 14E-310, by the MIT Orthodox Christian Fellowship. The panel will discuss the contents and the implications of the report, "The Entering Freshman", by Dr. Leila Sussmann and Mr. Gene N. Levine. The report was prepared last fall and published recently for the Institute Committee.

Panelists

The panel will feature the authors of the report, and will include members of the faculty, administration, and medical department. Panelists will be Dr. Leila Sussmann, a professor of sociology at Wellesley; Mr. Gene N. Levine; Dr. LeMoyné White, chief psychiatrist in the MIT Medical Department; Dean Speer, and Professor Ernst Levy, Faculty Resident in East Campus. The moderator will be Dean Fassett.

The discussion will center about the report submitted by Dr. Sussmann and Mr. Levine, but will bring in many other aspects of the problem of motivation as seen by the speakers from the perspectives of their varied backgrounds. The panel will be the first in a Motivation Series to be presented this year.

Tech Show Elects Horowitz, Top Post

The managing board of Tech Show '58 was announced by the present general manager Michael Intriligator '59 Sunday. The new board will be:

As General Manager, Lawrence Horowitz '59, this year's production manager;

As Business Manager, Lief Johnson '59, who handled advertising and sales this year;

And as Production Manager, Stanley Prussin '60, stage crew chief of Tech Show '59.

The theme for Tech Show '59 has not yet been definitely decided, but it might be based on the Garden of Eden. However, such themes have previously been beset by unexpected snakes in the grass.

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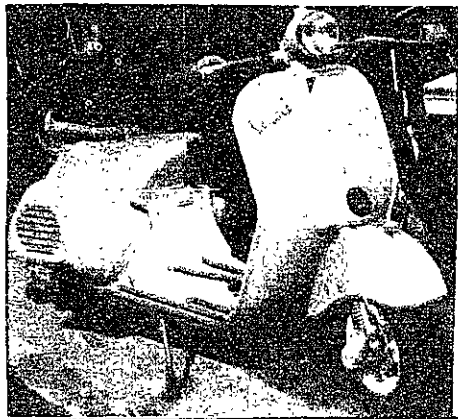
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